Appendix C
Human Health Risk Assessment

ESA

SCREENING LEVEL HUMAN HEALTH RISK ASSESSMENT

Crossings Campus
8876-8888 Venice Boulevard,
8825-8829 National Boulevard, and
8771 Washington Boulevard
Los Angeles and Culver City, California

September 2022
EKI C20100.02

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29 September 2022

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Subject: Screening Level Human Health Risk Assessment for Crossings Campus;
8825, 8833 National Boulevard and 8771 Washington Boulevard, Culver City, California and
8876, 8884, 8886 and 8888 Venice Boulevard and 8827 and 8829 National Boulevard,
Los Angeles, California
(EKI C20100.02)

On behalf of Culver Crossings Properties LLC (CCP), EKI Environment & Water, Inc. (EKI) has prepared this Screening Level Human Health Risk Assessment (HHRA) for the Crossings Campus property located at the following addresses: 8825, 8833 National Boulevard and 8771 Washington Boulevard in Culver City, California, and 8876, 8884, 8886 and 8888 Venice Boulevard and 8827 and 8829 National Boulevard in Los Angeles, California.

This HHRA includes a preliminary assessment of post-development human health risks for potentially exposed worker populations under the proposed commercial land use (i.e., office workers, valet parking personnel, and parking level 1 office space workers), and is intended to be updated when additional post-construction Site subsurface and indoor air characterization data become available.

Please contact me with any questions or comments at phoffey@ekiconsult.com or 303-870-9821.

Very truly yours,

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Screening Level Human Health Risk Assessment

Crossings Campus
8825, 8833 National Boulevard and 8771 Washington, Culver City, California and
8876, 8884, 8886 and 8888 Venice Boulevard and 8827 and 8829 National Boulevard, Los Angeles, California

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

1. SCREENING LEVEL HUMAN HEALTH RISK ASSESSMENT

EKI Environment & Water Inc. (EKI) has prepared this Screening Level Human Health Risk Assessment (HHRA) for the property located at the following addresses: 8825, 8833 National Boulevard and 8771 Washington, Culver City, California and 8876, 8884, 8886 and 8888 Venice Boulevard and 8827 and 8829 National Boulevard, Los Angeles, California (Site; see Figure 1). The main objective of this HHRA is to evaluate post-redevelopment potential human health risks due to potential vapor intrusion[1] for future workers at the Site. This screening level risk evaluation includes an evaluation of post-development potentially exposed populations, potentially complete exposure pathways, toxicity values for chemicals of concern (COCs), applicable attenuation factors, and the use of Department of Toxic Substances Control (DTSC) Screening Levels (DTSC-SLs, DTSC, 2022b) and U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs, U.S. EPA, 2022) to estimate potential human health risks. This evaluation is mainly based on perimeter soil vapor data for the Site.

This HHRA does not include an evaluation of an unrestricted residential scenario based on the future planned use of the Site or an evaluation of construction workers during redevelopment of the Site as these workers will be protected by health and safety protocols established in the Soil Management Plan (SMP) to be prepared for the Site that will be implemented during construction activities.

According to DTSC guidance (2022a), the results of a screening level human health risk assessment indicate whether or not a quantitative baseline risk assessment or further site investigation is warranted. Limitations associated with the use of published screening levels for an HHRA (e.g., no screening levels are available for a specific potentially complete exposure pathway for a particular population due to site specific variability that makes development of screening levels impractical) must be carefully noted and understood prior to making risk management decisions. If pathways not considered in the derivation of screening levels are anticipated at the site, a HHRA may underestimate risks. Lastly, a HHRA provides a general indication of whether there is a potential risk to human health and helps identify areas of concern at a site where a release of hazardous chemicals has occurred that should be further evaluated or remediated.

1.1 Site Description and Future Redevelopment Plans

The Site is approximately 4.46 acres in size and is occupied by three buildings that were most recently used as warehouses, a home furnishings store, clothing retail store, miscellaneous storage, and as offices for an advertising company. The Site consists of two legal parcels (1) Parcel ID 4312-015-005 (8876-8888

[1] Vapor intrusion is the migration of chemical vapors from the subsurface into buildings and is a frequent problem at contaminated sites. If uncontrolled, chemical vapors can migrate into buildings and pose a risk to human health. Vapor migration in the subsurface, through building foundations, and within buildings is complex and influenced by many natural and human-caused factors. These factors include climate (e.g., temperature, pressure, precipitation), building conditions (e.g., foundation type and status, age, size), and heating, ventilation, and air conditioning (HVAC) operation (Cal-EPA, 2020).

Venice Boulevard) and (2) Parcel ID 4312-015-006 (8825-8829 National Boulevard and 8771 Washington Boulevard).

The Site is underlain by alluvial deposits consisting of silty clay and silty to gravelly sand. Based on EKI's subsurface investigations conducted in February 2020, the depth to groundwater at the Site is approximately 26 to 30 feet below ground surface (bgs). Based on the depth to groundwater measurements and information provided in groundwater monitoring reports reviewed by EKI for the nearby former TWS Products former fuel underground storage tank release investigation site across National Boulevard to the southwest, the direction of groundwater flow was reported to be generally consistent to the east-northeast between 2001 and 2010 (EKI, 2021).

It is EKI's understanding that Culver Crossings Properties LLC (CCP) intends to redevelop the Site with two new multi-story commercial office buildings with three levels of sub-grade parking each, which will require excavation of most of the Site below the water table to approximately 50 feet bgs. Building 1 (on the Culver City Parcel) is anticipated to be a 167,000 square feet office building with four stories, measuring up to 56 feet in height to the top of the roofline. The first floor of Building 1 is approximately 36,790 square feet. Building 2 (on the Los Angeles Parcel) is anticipated to be a 369,000 square feet office building with four to five stories, measuring 56 feet to 75 feet in height to the top of the roof. CCP also intends to install an approximately 3,970 square feet food preparation and supportive office space on parking level 1 of Building 2. This area will be fully enclosed from the parking garage with partition walls and will have its own mechanical ventilation system providing outside air. The food preparation and office space area will be approximately 2,244 square feet and will have a ceiling height of approximately 9 feet. The sub-grade parking garages will be constructed with a water-tight barrier or liner on the bottom and along the sides of the whole parking garage designed to address groundwater intrusion into the garage because a portion of it will be below the groundwater table. As further discussed below, this liner is intended to also act as a barrier to any vapors in the vadose zone.

1.2 Summary of Previous Investigations Conducted at the Site

In March 2019, Ramboll Environmental & Health (Ramboll) conducted a Phase II subsurface investigation (Ramboll, 2019) at the Site that included the collection of soil, soil vapor, and groundwater samples. The results of the Phase II Investigation are summarized below:

- Ramboll advanced four (4) soil borings to between 35 to 40 feet bgs, collected 3 soil samples per boring (12 total), and collected groundwater samples from each borehole. Ramboll installed triple nested soil vapor probes at 5, 15, and 25 feet bgs in each soil boring location and collected 12 total soil vapor samples. The approximate Ramboll sampling locations (SB01-SB04) are shown on Figure 2.

- The 12 soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds and total petroleum hydrocarbons (TPH). Low concentrations of TPH were detected in the soil samples, although no indications of petroleum spills or releases were noted at the locations sampled.

- The 4 groundwater samples collected from boreholes SB01 through SB04 were analyzed for volatile organic compounds (VOCs), including benzene, naphthalene, tetrachloroethene (PCE), and trichloroethene (TCE). Benzene was reported at concentrations up to 290 micrograms per liter (ug/L) and naphthalene was reported at concentrations up to 14 ug/L at location SB03 (see

Figure 2). Chlorinated VOCs, including PCE and TCE, were not detected in any of the four groundwater samples collected at the Site.

- The 12 soil vapor samples were analyzed for BTEX only, so they were not analyzed for chlorinated VOCs, e.g., PCE or TCE. BTEX compounds were detected in the soil vapor samples collected from all four locations, with the highest concentrations measured generally at the deepest, i.e., 25-foot depth (nearest to the groundwater table).

- Ramboll concluded that the petroleum and related VOCs in soil vapor and groundwater on the Site appeared to be from releases at the off-site former TWS Products site located upgradient and across National Boulevard, directly southwest of the Site.

In February 2020, EKI conducted additional subsurface investigations at the Site to augment the Ramboll findings that included the collection of sub-slab soil vapor and groundwater samples (EKI, 2021). A summary of this investigation is provided below:

- EKI collected sub-slab soil vapor samples from a total of 16 locations[2] on-Site (see Figure 2), which were each analyzed for VOCs using U.S. EPA Method TO-15. PCE was the only VOC detected above the commercial screening levels.[3] Six vapor samples contained measurable concentrations of PCE, with 5 of the 6 samples containing PCE at concentrations above the commercial screening level of 67 micrograms per cubic meter (ug/m^3). The maximum reported concentration of PCE (1,290 ug/m^3) was detected in sample JASV-1. The highest concentrations of PCE were detected generally in the vapor samples collected from the north-central portion of the Site (see Figure 2).

- EKI collected groundwater samples from 3 borings GB-8886, GB-8825, and GB-8829 (see Figure 2). The groundwater samples were analyzed for VOCs using U.S. EPA Method 8260, and TPH as gasoline and diesel fuel using U.S. EPA Method 8015M. Benzene was detected in groundwater at sample locations GB-8829 and GB-8825 at concentrations of 1,700 ug/L and 210 ug/L, respectively, which exceed the current Maximum Contaminant Level (MCL) for benzene of 1 ug/L. Toluene, ethylbenzene and xylenes were also detected in groundwater samples collected at these locations at concentrations above their respective MCLs. BTEX compounds were not detected in the groundwater sample from location GB-8886. The fuel oxygenate tertiary butyl alcohol (TBA) was measured in the groundwater sample collected at location GB-8886 at a concentration of 21 ug/L, which is above its current screening level of 12 ug/L. Naphthalene was detected in the groundwater sample collected from location GB-8825 at a concentration of 370 ug/L, which exceeds its current MCL of 0.17 ug/L. Naphthalene was not detected in the groundwater samples collected at locations GB-8886 or GB-8829 (although the laboratory reporting limit for sample GB-8829 was elevated at 100 ug/L). PCE was detected in only 1 of the 3 groundwater samples (GB-8886) at a concentration of 0.28 ug/L, which is below its current MCL of 5 ug/L. TCE was not detected above its laboratory reporting limits in any of the groundwater samples collected at the Site.

[2] NBSV-1, NBSV-2, JASV-1 through JASV-4, PGSV-1, PGSV-2, PSV-1 through PSV-4, VBSV-1, VBSV-2, WASV-1, and WASV-2.

[3] A default attenuation factor of 0.03 was used to calculate the sub-slab commercial screening levels from indoor air screening levels.

In February 2021, EKI returned to the Site to collect additional sub-slab soil vapor samples in areas that were not accessible for sampling in February 2020. Also in February 2021, EKI performed indoor and outdoor air sampling at the Site to assess the potential for intrusion of sub-slab vapors into the current Site buildings (EKI, 2021). A summary of this investigation is provided below:

- EKI collected sub-slab soil vapor samples from a total of 4 locations[4] on-Site (see Figure 2), which were each analyzed for VOCs using U.S. EPA Method TO-15. Similar to the 2020 sub-slab soil vapor sampling, PCE was the only VOC detected above the commercial screening levels. PCE was detected in 2 of the 4 sub-slab vapor samples at concentrations above the commercial screening level of 67 ug/m^3. Vapor sample BHSV-1 (8886 Venice) contained PCE at 1,300 ug/m^3 and vapor sample TCSV-1 (8876 Venice) contained PCE at 680 ug/m^3. Vapor sample TCSV-3 (8876 Venice) was reported to contain PCE at 28 ug/m^3 and vapor sample TSCV-2 (8876 Venice) was reported not to contain PCE above the laboratory reporting limit of 7.9 ug/m^3.

- EKI collected indoor air samples at 7 locations[5] and 5 outdoor ambient air samples[6] at the Site using Radiello 130 passive sorbent samplers. Each of the 12 air samples was analyzed for the following VOCs by TO-17: PCE, TCE, cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), naphthalene, and benzene. PCE was detected in the two indoor air samples collected from the 8884 Venice space (samples JA-IA-1 and JA-IA-2) at concentrations of 1.2 ug/m^3 and 1.1 ug/m^3, respectively. PCE was detected in the three indoor air samples collected from the 8876 Venice tenant space (samples TC-IA-1, -2, and -3) at concentrations of 0.32 ug/m^3, 0.22 ug/m^3, and 0.23 ug/m^3, respectively. The concentrations of PCE detected in all indoor air samples collected at the Site are below the current indoor air commercial screening level for PCE of 2 ug/m^3. PCE was not detected at concentrations above its laboratory reporting limit of 0.17 ug/m^3 in indoor air samples collected from either the 8827 National space (sample PS-IA-1) or the 8825 National building (sample NB-IA-1). PCE was not detected in any of the outdoor ambient air samples collected at the Site. Benzene was detected in each of the passive indoor air samples collected at the Site at concentrations ranging from 0.78 ug/m^3 to 1.1 ug/m^3. These concentrations are above the current indoor air commercial screening level for benzene of 0.42 ug/m^3. Benzene, however, was detected in all outdoor ambient air samples collected at generally consistent concentrations ranging from 0.96 ug/m^3 to 1.1 ug/m^3. Thus, the benzene detected in indoor air appears to be the result of benzene present in outdoor ambient air at the Site. TCE, cis 1,2-DCE, trans 1,2-DCE, and naphthalene were not detected above laboratory reporting limits in indoor or outdoor air samples collected at the Site.

EKI collected additional soil and soil vapor samples in August and September 2022 for additional characterization of chemicals of potential concern in the subsurface, i.e., PCE, benzene, and naphthalene. Details regarding the 2022 investigation sampling methods are included in Appendix A. Laboratory analytical reports are included in Appendix B. A summary of the 2022 investigation is provided below:

- EKI advanced ten (10) soil borings (SVP-1 to SVP-10; see Figure 2) up to 26 feet bgs and collected a total of 42 soil samples. All soil samples were analyzed for VOCs using U.S. EPA Method 8260B (see Table 1a). Select soil samples were also analyzed for lead using U.S. EPA Method 6020, moisture percent by ASTM D2216, total organic carbon (TOC) by U.S. EPA Method 9060A and for

[4] BHSV-1 and TCSV-1 through TCSV-3.
[5] JA-IA-1 (plus a duplicate), JA-IA-2, NB-IA-1, PS-IA-1, and TC-IA-1 to TC-IA-3.
[6] CX-OA-1 through CX-OA-5.

soil properties (see Table 1b). VOCs, including PCE, were not detected above laboratory reporting limits in any of the 42 soil samples collected from borings SVP-1 to SVP-10 except for benzene, which was detected at a concentration of 0.0053 mg/kg in the soil sample collected from location SVP-10 at 1 feet bgs.

- EKI installed triple nested soil vapor probes at approximately 5, 15, and 25 feet bgs in each soil boring location and collected a total of 30 soil vapor samples. Soil vapor samples were analyzed for VOCs (including naphthalene) using U.S. EPA Method TO-15 (see Table 1c). The maximum PCE concentration (2,900 ug/m^3) was detected in the shallowest soil vapor sample collected from location SVP-1. Consistent with previous findings, the highest concentrations of PCE were detected generally in the vapor samples collected from the north-central portion of the Site (see Figure 2). Soil vapor samples collected from locations SVP-9 and SVP-10 were analyzed for fixed gases using ASTM Method D1945M (see Table 1d). Oxygen concentrations ranged from 1.4 to 15 %v/v in soil vapor samples collected from SVP-9 and SVP-10, with the lowest concentrations detected in the deepest soil vapor samples. On the other hand, carbon dioxide concentrations ranged from 0.52 to 4.3 %v/v, with the highest concentrations detected in the deepest soil vapor samples. Methane was detected in the deepest soil vapor sample collected from location SVP-10 at a concentration of 0.38 %v/v and was not detected above laboratory reporting limits in any of the other soil vapor samples collected from SVP-9 and SVP-10. These results are consistent with aerobic degradation of petroleum products in the subsurface. The presence of methane in the soil vapor sample collected from SVP-10 at 25 feet bgs indicates that anaerobic conditions may be present in deeper soil at this location.

1.3 Potential Exposure Pathways and Media of Concern

In terms of assessing risk, U.S. EPA defines "exposure"as the contact of a human with a chemical (U.S. EPA, 1989). To assess exposure, each group of people that could potentially be exposed to chemicals (the potentially exposed populations) must be defined. Construction workers that will be involved with redevelopment activities are not included herein because they will be protected by health and safety protocols established in the SMP that will be implemented during construction activities.

Post-development potentially exposed populations evaluated in this HHRA for the Site include:

- Commercial/industrial (C/I) workers that would occupy the future offices within the Site buildings.
- Valet parking personnel that would work within any of the three floors of the sub-grade garages.
- Workers within the food preparation and office space in parking level 1 (collectively "parking level 1 office space").

A groundskeeper/maintenance worker scenario is not evaluated in this HHRA because no excavation within potentially impacted soil will occur in the future as most of the soil within the Site will be excavated to approximately 50 feet bgs. The only potentially complete exposure pathway (see Figure 3) after redevelopment is the inhalation of vapors (which would theoretically first enter the garage and then would migrate upwards into the offices).

Potential human health risks for short-term users of the garages and buildings are expected to be considerably less than the risks estimated for C/I workers, valet parking personnel, and workers in the parking level 1 office space, based on the longer exposure duration and exposure frequency for these

workers. Consequently, only potential human health risks for C/I workers, valet parking personnel, and workers in the parking level 1 office space after redevelopment will be evaluated.

As recommended by California Environmental Protection Agency (Cal-EPA) guidance (2020), vapor intrusion risks will be evaluated using soil vapor data (i.e., soil or groundwater data[7] will not be used to assess risks due to vapor intrusion).

1.4 Soil Vapor Dataset

Because most of the Site is going to be excavated to approximately 50 feet bgs, the only soil vapor samples that may be representative of future conditions are soil vapor samples collected near the property boundary (i.e., locations SVP-1, SVP-2, SVP-3, SVP9, and SVP-10). These sampling locations were generally located in the vicinity of previous sampling locations with the highest detected concentrations of PCE and benzene.

The soil vapor dataset used in this HHRA to evaluate vapor intrusion into the future buildings includes all soil vapor samples collected in September 2022 from locations SVP-1, SVP-2, SVP-3, SVP9, and SVP-10 (i.e., 15 soil vapor samples, see Table 2). For sampling locations with a duplicate sample (i.e., SVP-3-5), the maximum concentrations are used in the calculations. VOCs detected in soil vapor include, among others, BTEX and PCE, which is consistent with VOCs detected during previous investigations. A statistical summary of the soil vapor dataset is included in Table 2.

According to U.S. EPA (1992), a robust dataset usually requires the collection of at least eight samples. As shown in Table 2, the soil vapor datasets consist of 15 samples collected from 3 different sampling depths (generally 5, 15, and 25 feet bgs).

1.5 Representative Concentrations for Chemicals of Concern

In accordance with Cal-EPA (2020) and DTSC guidance (2022a), maximum detected concentrations in soil vapor are used as representative concentrations (also called exposure point concentrations) in this HHRA.

For reference, 95% upper confidence limits (UCLs) of the mean concentrations were calculated for VOCs in the soil vapor dataset with enough detections using U.S. EPA's ProUCL software (version 5.2). A dataset consisting of at least 6 data points with a minimum of four distinct detected values are necessary to estimate a meaningful UCL using ProUCL. If ProUCL recommended more than one UCL, then the highest UCL was selected. The ProUCL output file is included in Appendix C and UCLs are shown in Table 2.

1.6 Applicable Human Health Screening Levels

Published risk-based human health screening levels provide a quick and effective way to evaluate available environmental data when the screening levels are based on similar potentially exposed populations to the ones relevant to a site. Indoor air DTSC-SLs / U.S. EPA RSLs[8] for the C/I worker scenario (see Table 2) along

[7] According to Cal-EPA guidance (2020), groundwater data can be used as a supporting line of evidence, but should rarely be a primary line of evidence for vapor intrusion decision-making.
[8] Consistent with DTSC guidance (2022b), if a DTSC-SL is not available, then the corresponding RSL (U.S. EPA, 2022) is used. Screening levels based on RSLs have been underlined in Table 2.

with the appropriate attenuation factor for C/I workers (see Section 1.7) will be used to evaluate risks for C/I workers in this HHRA based on the potential future commercial use of the Site.

Valet parking personnel and workers within the parking level 1 office space are assumed to have the same exposure assumptions as C/I workers (i.e., same exposure time (8 hours per day), exposure frequency (250 days per year), and exposure duration (25 years)). Therefore, indoor air DTSC-SLs / U.S. EPA RSLs for the C/I worker scenario along with the appropriate attenuation factor for valet parking personnel and for workers within the parking level 1 office space (see Section 1.8) will be used to evaluate risks for these worker populations in this HHRA.

1.7 Selected Attenuation Factor for C/I Workers

Vapor attenuation refers to the reduction in vapor concentrations that occurs during its migration in the subsurface, coupled with the dilution that can occur when the vapors enter a building and mix with indoor air. The attenuation factor (AF) is a unitless number defined as the ratio between the indoor air concentration for a given chemical and its subsurface concentration. The AF is an inverse measure of the overall decrease in concentration due to attenuation mechanisms that occur as vapors migrate from the subsurface into a building. That is, the greater the attenuation, the smaller the value of AF (Cal-EPA, 2020). Thus, soil vapor screening levels can be calculated by dividing the readily available indoor air screening levels by an AF. The selection of the appropriate AF or AFs for a site is, therefore, fundamental for assessing if potential human health risks due to vapor intrusion are above target risk levels or not.

Cal-EPA (2020) recommends using a default AF of 0.03 for the initial evaluation of vapor intrusion using sub-slab and/or soil vapor data. This AF was empirically derived by U.S. EPA based on sub-slab and soil vapor data contained in U.S. EPA's Vapor Intrusion Database (2012). However, the sites included in this database were primarily residential buildings,[9] with no locations in southern California,[10] so this AF is likely too conservative and not applicable to the Site. This AF is probably also too conservative for the current buildings (which are expected to have a higher AF than the future buildings according to DTSC guidance[11] (2011) and the vapor intrusion limiting characteristics of the future buildings discussed below) based on indoor air and sub-slab soil vapor data collected from the Site in February 2020 and 2021. For example, PCE was not detected above its C/I indoor air screening level of 2 ug/m^3 in any of the indoor air samples collected from the current buildings in February 2021, even though it was detected up to 1,300 ug/m^3 in sub-slab soil vapor in February 2020 and 2021, significantly above the C/I sub-slab screening level of 67 ug/m^3, which was calculated using the 0.03 AF (EKI, 2021). In terms of estimated human health risks with these site-specific data, the difference between calculating risks with indoor air and sub-slab soil vapor data from the Site is approximately two orders of magnitude, with a cancer risk below the target risk level of 10^{-6} if indoor air data are used and significantly above the target risk level if the sub-slab soil vapor data are used. This significant difference in risk estimates indicates that the AF used in the calculations (0.03) is likely too conservative for the current buildings and, therefore, also likely too conservative for the future

[9] The building types represented include 85% residential, 10% institutional or commercial, and 5% multi-use (residential and non-residential).
[10] Most of the data in the U.S. EPA's Vapor Intrusion Database are from states with relatively cold weather where the stack effect due to heating is expected to enhance vapor intrusion.
[11] DTSC guidance recommends using an AF of 0.001 for existing commercial buildings and an AF of 0.0005 for future commercial buildings.

buildings. According to DTSC guidance (2022c), an alternate to the 0.03 AF may be proposed using multiple lines of evidence.

Following DTSC guidance (2011), an AF of 0.0005 for a future commercial building will be used to estimate risks. This default attenuation factor is conservative for the Site as it is applicable to future above-ground buildings with no sub-grade parking. According to San Francisco Bay Regional Water Quality Control Bord (RWQCB) guidance (2022), enclosed ventilated parking garages are expected to be less susceptible to vapor intrusion, as compared to slab-on-grade buildings. As discussed below, subgrade parking will significantly limit vapor intrusion in the future. In addition, even though attenuation of vapors is expected to increase with depth (i.e., AFs diminish with increasing depths), the AF of 0.0005 will be used for the three different sampling depths. Sections 1.7 and 1.8 below present Site-specific modeling that was performed using (a) the Johnson and Ettinger (J&E) model and (b) a mass-limitation model, respectively, to provide lines of evidence that the AF of 0.0005 is appropriate for C/I workers at the Site.

Vapors detected in the garage could potentially originate from sources outside the garage but also from active vehicles within the garage. As discussed above, it is expected that vapor concentrations in the garage would be appreciably higher that indoor air concentrations in the above ground offices due to the attenuation of vapors as they migrate from the subsurface into the garage and then into indoor air. The following characteristics of the sub-grade parking garages will substantially limit vapor intrusion into the future buildings:

- The construction of the underground garages and associated excavation and dewatering activities may result in the complete or partial removal of any potentially impacted soil at the Site and of groundwater from the Site.

- The liner or barrier that will be installed in the base and the sides of the garages is intended to prevent both water and vapor intrusion into the garages.

- The parking garages will have an active ventilation system that will move large amounts of air within the garage to prevent the buildup of carbon monoxide and other vehicle emissions. In addition, the use of exhaust fans will create a slight negative pressure (vacuum) in the garages compared to above-ground occupied offices that operate at a slight positive pressure based on typical heating, ventilation, and air conditioning (HVAC) design and operation, which will further prevent soil gas transport into the buildings.

- The large footprint and depth of the garages will provide a large mixing volume along with the active ventilation system will result in having well-mixed air within the garages. This results in dilution of the vapor concentrations going into the garages and, therefore, a reduction of the vapor concentrations that may migrate into the above-ground offices.

1.8 Calculated Attenuation Factors

To evaluate if the default AF of 0.0005 is appropriate for C/I workers at the Site, the J&E vapor intrusion model (Johnson, P.C., and R.A. Ettinger, 1991) was used to calculate the AF for PCE for a commercial building with a basement with similar dimensions to the future smaller building (i.e., Building 1). The J&E model was also used to calculate an AF for valet parking personnel. Vapor intrusion from exterior soil gas to garage air was modeled using the J&E model, with modeling spreadsheets developed by the U.S. EPA (Version 6.0, 2017). The modeling parameters and results are described below. In general, default commercial values were used in the calculations. Site-specific data used in the calculations include soil physical parameters and the building and garage dimensions. Only the portion of the garage that will be

above the water table (approximately 30 feet or 9.1 meters (m)) is included in the J&E model, as this is the area where vapor intrusion can potentially occur. A printout of the inputs and outputs of the J&E model spreadsheet for Building 1 garage are included in Appendix D. The model parameters are described below.

Source Characteristics:

- Soil gas concentration: A default value of 1,000 ug/m^3 was used for modeling. The selected value does not impact the calculation of the AFs.

- The "depth below grade to soil gas sample" was set at 9.2 m, 0.1 m below the portion of the garage that will be above the water table (i.e., 30 feet).

Building Characteristics:

- The "depth below grade to base of foundation" was set at 9.1 m.

- The "foundation thickness" was set at the default value of 0.2 m. This thickness is used in the J&E model as the diffusion distance for VOCs migrating through cracks in the floor by diffusion. For the modeling performed herein, the assumed average vapor flow rate into the building (Qsoil), see below, is large enough that VOC diffusion through cracks in the floor does not contribute to the results, so the value for this parameter does not affect the results.

- The "fraction of foundation area with cracks" was set at the default value of 0.001.

- The "enclosed space floor area" was set at 3,400 square meters (36,790 square feet), which is equivalent to the planned footprint of the first floor of the smallest future building (Building 1). This parameter does not have a significant effect on the results.

- The "enclosed space mixing height" was set at 8.9 m and is calculated by subtracting the "foundation thickness" from the total height of the garage. Even though the garage height, over three floors of garage, is approximately 36 feet, it was assumed that the bottom of the garage is at the water table for modeling purposes. This parameter is important because the building ventilation rate in the garage scales directly with interior height, so having a lower mixing height is conservative. In the J&E model, VOCs are presumed to infiltrate through the garage sidewalls to the garage interior, over the entire vertical span of the garage sidewalls.

- The "indoor air exchange rate (AER)" in the garage was set at 0.45 air changes per hour (ACH). The California Mechanical Code (CAMC) Section 403.7 specifies a minimum exhaust rate of 0.75 cubic feet per minute (cfm) per square foot (sf) for enclosed parking garages, which for a 10-foot ceiling height would be 4.5 ACH. However, the ventilation rate can be reduced and modulated based on carbon monoxide concentrations in the garage, which will vary based on vehicle usage in the garage. Therefore, the lower rate of 0.45 ACH, which is just 10% of the minimum in the CAMC, is conservatively assumed for the modeling.

- The "building ventilation rate" (Qb) is calculated in the model based on the input parameters for the AER and the building dimensions (area and height).

- Consistent with RWQCB guidance (2022), the "average vapor flow rate into the building" (Qsoil) was set at a value that equals 3% of the fresh air ventilation rate in the building (Qb). This is

equivalent to using a sub-slab to indoor air attenuation factor of 0.03. The default value for Qsoil for a commercial building is 0.3% of Qb, which is less conservative.

Vadose Zone Characteristics:

- The soil vadose zone characteristics are based on measured or calculated values from soil samples collected at the Site in August 2022.
- Table 1b lists soil physical properties (including among others moisture content and dry bulk density) measurements for six soil samples collected from locations SVP-1, SVP-2, and SVP-9 (which are included in the soil vapor dataset) at 5.5, 15.5, and 25.5 feet bgs.
- Table 1b also lists parameters calculated from the measured parameters, including water-filled porosity and air-filled porosity.
- A key parameter in J&E modeling is the air-filled porosity. Higher values of air-filled porosity indicate drier soil and result in higher rates of estimated vapor intrusion and thus higher attenuation factors. To be conservative, the soil physical parameters from the soil sample with the highest air-filled porosity (i.e., the sample collected at 25.5 bgs from location SVP-2) were used in the modeling. The lithology of that soil sample was described as olive gray, well graded sand (see Table 1b).

The default and Site-specific modeling parameters were entered into the J&E model Excel spreadsheet published by the U.S. EPA (U.S. EPA, 2017). A printout from the spreadsheet of the "Table of Inputs and Outputs for Multiple Chemicals" with the Site-specific parameters listed above and the result for PCE is included in Appendix D. The "Soil gas to indoor attenuation coefficient" listed at the bottom the spreadsheet is the PCE AF from soil gas to garage air. As shown in Appendix D, the estimated PCE AF from soil vapor into garage air is 0.0046. Therefore, an AF of 0.005 will be used in this HHRA for valet parking personnel.

According to RWQCB guidance (2022), for multi-story buildings an inter-unit vertical AF of 0.1 can be used to calculate alternative indoor air criteria. Assuming this inter-unit vertical AF also applies between the first floor of the building and the garage, the indoor air AF can be calculated as the AF from soil vapor into the garage (0.005) multiplied by the inter-unit vertical AF of 0.1 (i.e., 0.0005). This AF is the same as the default C/I worker AF in DTSC's Vapor Intrusion Guidance (2011) discussed above. Therefore, in this HHRA an AF of 0.0005 will be used to evaluate potential human health risks for future C/I workers and an AF of 0.005 will be used to evaluate potential human health risks for future valet parking personnel.

The inter-unit vertical AF can likely also be applied to separate units on the same level, as the study on which this AF is based included testing of both adjacent and upper/lower units (CEE, 2004). The parking level 1 office space on the first floor of the garage will be separate from the garage and will have its own ventilation system. Therefore, in this HHRA an AF of 0.0005 will be used to evaluate potential human health risks for future parking level 1 office space workers.

1.9 Mass-Limit Vapor Intrusion Calculations to Assess Calculated Attenuation Factors

Mass-limit vapor intrusion calculations were also performed to evaluate the appropriateness of the selected AFs.

Appendix E describes mass-limit modeling of potential vapor intrusion from residual PCE in soil for the future Building 1 garage. The mass-limit vapor intrusion modeling approach provides an estimate of the mass of PCE that could potentially enter the future garage during the assumed exposure time (i.e., 25 years), conservatively assuming that 100 percent of the PCE mass will migrate into it and also provides an estimate of the AF between soil gas and the garage.

As shown in Appendix E, the AF from soil vapor into garage air of 5×10^{-6} is three orders of magnitude less conservative than the AF of 0.005 calculated using the J&E model. In the J&E model, the VOC concentration at the source in the subsurface is assumed to remain constant over time, which means that the model assumes that an unlimited mass of VOCs can migrate upward and into a building over time (i.e., an infinite source). This can be an effective modeling technique for long-term sources with significant residual mass in soil, or for sources related to groundwater plumes that are persistent over time. However, this assumption may not be realistic for the Site where excavation will likely remove potential sources of VOCs is soil such that the mass remaining outside of the excavation area is limited and can be quantified. Ignoring the mass limitation significantly overestimates potential future exposure levels and risks.

U.S. EPA recognizes the mass limitation in a similar situation, when developing SSLs for volatilization of VOCs to outdoor air, writing:

> *Use of infinite source models to estimate volatilization can violate mass-balance considerations for small sources. To address this concern, the Soil Screening Guidance [U.S. EPA, 1996b] includes a model for calculating a mass-limit SSL that provides a lower limit to the SSL when the area and depth (i.e., volume) of the source are known or can be estimated reliably. A mass-limit SSL represents the level of contaminant in the subsurface that is still protective when the entire volume of contamination volatilizes over the 30-year exposure duration and the level of contaminant does not exceed the health-based limit.* (U.S. EPA, 2022; Section 4.9.5)

Therefore, the AFs selected for the potentially exposed populations at the Site (i.e., 0.005 for future valet parking personnel and 0.0005 for future C/I workers and parking level 1 office space workers) are considered to be conservative and appropriate for the Site.

1.10 Toxicity Values Used to Calculate Screening Levels

The two broad measures of adverse human health effects recognized in a risk assessment are carcinogenic risk and non-carcinogenic hazard. Carcinogenic risk (CR), as used herein, is the upper-bound estimate of incremental risk of developing cancer from exposure to a COC over a 70-year average lifetime. Non-carcinogenic adverse health effects are generally assumed to have some threshold dose (i.e., a dose below which adverse health effects from chemical exposure are not expected).

Cal-EPA (particularly the Office of Environmental Health Hazard Assessment (OEHHA)) and U.S.EPA, are the primary sources of published toxicity estimates for various chemicals used in risk assessments at contaminated sites, including the COCs identified for the Site. The toxicity data used to develop DTSC-SLs and RSLs are tabulated and updated regularly, as needed, by these agencies. On 4 September 2018, California finalized a new rule, referred to herein as the "Toxicity Criteria Rule,[12]" establishing toxicity

[12] https://dtsc.ca.gov/regs/toxicity-criteria-for-human-health-risk-assessment/

criteria for certain chemicals and ranking the sources of toxicity criteria for other chemicals. The toxicity data used to develop DTSC-SLs are consistent with the Toxicity Criteria Rule.

1.10.1 Non-carcinogenic Toxicity Values

Non-carcinogenic health effects encompass potential adverse, chronic human health effects that do not result in the production of tumors, but which include adverse developmental, reproductive, metabolic, and other systemic effects such as organ damage. When chemical doses exceed threshold dose levels for non-carcinogens, the potentially exposed populations may develop symptoms of toxic exposure. Dose levels less than the threshold level are assumed unlikely to produce adverse health effects in exposed individuals, typically over some defined exposure period, i.e., acute, intermediate, or long-term (chronic).

Non-carcinogenic toxicity is expressed as a threshold value, called a reference dose (RfD), which represents a conservative estimate of the maximum daily intake of a compound that can be tolerated without adverse health effects over a chronic exposure period. Units of the RfD are dosage units, milligrams of chemical intake, per kilogram of body weight, per day (mg/kg-day). A low RfD indicates a low threshold dose level and, therefore, a relatively high chemical toxicity. Conversely, a chemical with a higher RfD has relatively lower non-carcinogenic toxicity. Oral RfDs are used to calculate DTSC-SLs and RSLs for non-carcinogenic health effects for the soil ingestion and dermal contact pathways. Reference exposure levels (RELs) or reference concentrations (RfCs) are used to calculate DTSC-SLs and RSLs for non-carcinogenic health effects for the inhalation pathway.

The non-carcinogenic hazard of an individual COC through a particular exposure pathway is called the Hazard Quotient (HQ). The Hazard Index (HI) is the sum of all HQs. A total HI less than or equal to 1 represents an exposure that is unlikely to cause adverse non-cancer health effects, even for sensitive populations (U.S. EPA, 1989). Consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) at 40 CFR §300.430(e)(2)(i)(A)(1), a HI less than or equal to 1 is considered to be associated with an acceptable exposure level. In accordance with the California Code of Regulations, Title 22, Division 4.5, Sections 68400.5, 69020-69022 (effective 4 September 2018), an HQ of 1 shall be used to protect human health. Therefore, chemical-specific DTSC-SLs (and RSLs) for non-carcinogens are calculated based on an HQ equal to 1.

1.10.2 Carcinogenic Toxicity Values

The carcinogenicity of a chemical is quantitatively expressed as a cancer slope factor (SF). The SF estimates the incremental lifetime risk of developing cancer per unit of chemical intake (expressed as the incremental risk of developing cancer per milligram of chemical intake, per kilogram of body weight, per day ($[mg/kg\text{-}day]^{-1}$). U.S. EPA defines a SF as the "plausible upper-bound estimate of the probability of a carcinogenic response per unit of chemical intake over a lifetime" (U.S. EPA, 1989). Chemicals having a higher SF are believed to have relatively more carcinogenic potency than those with a lower SF. Oral SFs are used to calculate DTSC-SLs and RSLs for carcinogenic health effects for the soil ingestion and dermal pathways.

For the inhalation pathway, the carcinogenicity of a chemical is expressed as an inhalation unit risk (IUR), which represents the estimated incremental lifetime risk of developing cancer per unit of chemical exposure. The units of an IUR are based on incremental risk of developing cancer per microgram per cubic meter of chemical in air ($[\mu g/m^3]^{-1}$). U.S. EPA defines an IUR as the "upper-bound excess lifetime cancer risk estimated to result from continuous exposure to an agent at a concentration of 1 $\mu g/m^3$ in air." Chemicals having a higher IUR are believed to have inherently more carcinogenic potency than those with

a lower IUR. IURs are used to calculate DTSC-SLs and RSLs for carcinogenic health effects for the inhalation pathway.

U.S. EPA defines incremental cancer risks ranging from on in-one million (10^{-6}) to on in-ten thousand (10^{-4}) as "safe and protective" of human health (U.S. EPA, 1991). The NCP, at 40 CFR §300.430(e)(2)(i)(A)(2), provides a definition of an acceptable incremental cancer risk range of 10^{-6} through 10^{-4} for the selection of remedial actions that protect human health and the environment. In accordance with the California Code of Regulations, Title 22, Division 4.5,Sections 68400.5, 69020-69022 (effective 4 September 2018), an incremental excess lifetime cancer risk of 10^{-6} shall be used to protect human health. Therefore, chemical-specific DTSC-SLs (and RSLs) for potentially carcinogenic chemicals are calculated using the lower bound, more conservative acceptable risk level of 10^{-6}. The acceptable risk range is taken into account in the final analysis of the potential risks posed by COCs at the Site.

1.11 Screening Level Risk Characterization

Non-carcinogenic and carcinogenic human health risks were calculated for potentially exposed populations (i.e., C/I workers, valet parking personnel, and workers within parking level 1 office space) following the methodology recommended by Cal-EPA (2020) and DTSC (2022a). Indoor air DTSC-SLs (or RSLs if applicable) were used in this screening level risk assessment for future C/I workers, for future valet parking personnel, and for workers within parking level 1 office space.

Consistent with Cal-EPA (2020) and DTSC guidance (2022a), risk estimates were calculated by mathematically combining the representative concentrations of COCs with applicable risk-based screening levels. Non-carcinogenic HQs were calculated as the representative concentration divided by the applicable screening level. Summation of HQs over all COCs gives the total HI for a particular exposure pathway. Similarly, cancer risks (CRs) werecalculated by multiplying the representative concentration (i.e., maximum concentrations) by 10^{-6} and then dividing it by the applicable screening level. Summation of CRs, quantified as incremental lifetime cancer risks, were then calculated. The estimated human health risks for C/I workers are presented in Table 3, for valet parking personnel in Table 4, and for workers within parking level 1 office space in Table 5.

1.12 Screening Level Human Health Risk Evaluation Results

As shown in Table 3, potential human health risks for future C/I workers (estimated incremental lifetime cancer risk of 1×10^{-6} and HI of 0.02) are at and below target risk levels, respectively. The main cancer risk drivers for C/I workers are PCE (67%) and benzene (25%; see Table 3). Therefore, based on the soil vapor dataset and assumed attenuation factor of 0.0005, VOCs in soil vapor do not pose a significant risk to future C/I workers.

As shown in Table 4, potential human health risks for future valet parking personnel (estimated incremental lifetime cancer risk of 1×10^{-5} and HI of 0.2) are above and below target risk levels, respectively. The main cancer risk drivers are PCE (67%) and benzene (25%; see Table 4). Therefore, based on the soil vapor dataset and assumed attenuation factor of 0.005, VOCs in soil vapor may pose a significant risk to future valet parking personnel.

As shown in Table 5, potential human health risks for future workers within parking level 1 office space (estimated incremental lifetime cancer risk of 1×10^{-6} and HI of 0.02) are at and below target risk levels, respectively. The main cancer risk drivers for these workers are PCE (67%) and benzene (25%; see Table 5). Therefore, based on the soil vapor dataset and assumed attenuation factor of 0.0005, VOCs in soil vapor do not pose a significant risk to future workers within the parking level 1 office space.

1.13 Uncertainty Analysis

The estimated potential human health risks calculated in this HHRA are conservative estimates of risks for plausibly exposed populations. However, there are inherent uncertainties associated with the estimation of human health risks. This section provides a broad overview of the main uncertainties associated with the screening level characterization of risks at the Site.

1.13.1 Using Maximum Concentrations as Representative Concentrations

One variable that has a significant effect on the estimated human health risks is the representative concentration. In this HHRA, maximum detected concentrations were used to estimate risks in accordance with Cal-EPA (2020) and DTSC guidance (2022a). Using maximum detected concentrations is very conservative. For instance, U.S. EPA recommends using the minimum between the maximum detected concentration and the estimated upper confidence limits (UCLs) of the mean concentrations as the representative concentration in risk assessments (U.S. EPA, 1989).

Also, the representative concentrations are assumed to exist across the entire Site and remain the same with time (i.e., no degradation is assumed). Potentially exposed populations are likely exposed, on average, to a lower COC concentration than either the maximum or the 95% UCL, as the distribution of chemicals are generally not homogeneous, and most concentrations are expected to be less than the 95% UCL. Also, as described above, degradation of petroleum related compounds is likely occurring at the Site. Moreover, source removal during construction of the buildings and sub-grade parking will likely result in lower COC concentrations over time. The assumption that the concentrations of VOCs remain the same over time overestimate exposure, and thus result in conservative, health-protective risk estimates, so actual human health risks for future C/I workers, valet parking personnel, and workers withing parking level 1 office space, are likely lower than estimated.

If U.S. EPA guidance (1989) is followed, human health risks are expected to decrease. Cumulative risks were re-evaluated using UCLs when available (see Table 2). The estimated HI and CR for C/I workers and parking level 1 office space workers assuming an attenuation factor of 0.0005 go down from 0.02 to 0.01 and from $1x10^{-6}$ to $6x10^{-7}$ respectively, below target risk levels of 1 and 10^{-6}.

Similarly, the estimated HI and CR for the valet parking scenario go down from 0.2 to 0.1 and from $1x10^{-5}$ to $6x10^{-6}$, respectively, below and above the target risk levels of 1 and 10^{-6}.

Therefore, estimated cumulative risks decrease significantly (up to 50% reduction) if UCLs are incorporated in the risk calculations, but the recommendations of this HHRA remain the same.

1.13.2 Soil Vapor Dataset Used in the HHRA

Another source of potential uncertainty in this HHRA is the fact that the soil vapor dataset used to estimate potential human health risks only includes soil vapor samples collected during one round of sampling conducted in early September 2022 from 5 sampling locations near the Site perimeter. In general, more than one sampling event is recommended to capture seasonal variability. However, since maximum concentrations are used in this HHRA and the soil vapor samples included in the dataset were collected during the summer, it is not expected that seasonal variability would have significant effect on the conclusions of this HHRA.

1.13.1 Calculating AFs Assuming an Infinite VOC Source

As discussed in Section 1.9, the J&E model essentially assumes that there is an unlimited mass of VOCs that can migrate upward and into a building over time, which can be an effective modeling technique for long-term sources with significant residual mass in soil, or for sources related to groundwater plumes that are persistent over time. However, this assumption may not be realistic for the Site where excavation will likely remove potential sources of PCE is soil such that the mass remaining outside of the excavation area is limited and can be quantified. Ignoring the mass limitation overestimates potential future exposure levels and risks.

To be conservative, the AF estimated using the mass-limit calculations included in Appendix E was not used in the HHRA. If this AF of 5×10^{-6} were used for valet parking personnel and an AF for C/I workers and parking level 1 workers were estimated from this AF and the inter-unit AF of 0.1 (i.e., obtaining an AF of 5×10^{-7}), estimated risks for all potentially exposed populations evaluated in this HHRA would be below target risk levels.

1.13.2 Laboratory Reporting Limits

In general, laboratory reporting limits of the samples included in the soil vapor dataset were sufficiently low to detect chemicals below the estimated screening levels. The laboratory reporting limit for naphthalene was above the calculated screening level for C/I workers in the duplicate soil vapor sample SVP-3-5-DUP, but it was below it in the original sample. Similarly, the laboratory reporting limit for chloroform was above the calculated screening level for valet parking personnel in the duplicate soil vapor sample SVP-3-5-DUP, but it was below it in the original sample. The laboratory reporting limit for vinyl chloride was slightly above the calculated screening level for valet parking personnel in one soil vapor sample (SVP-3-27) in the soil vapor dataset. The laboratory reporting limits for naphthalene were also in some cases above the calculated screening levels for valet parking personnel. Naphthalene was detected in one of the three grab groundwater samples collected from the Site in February 2020 (location GB-8825, see Figure 2), but it was not detected above laboratory reporting limits in any of the fifteen sub-slab soil vapor samples collected in February 2020 or the four sub-slab samples collected in February 2021, in any of the seven indoor air samples collected in February 2021, or in any of the 42 soil samples and 30 soil vapor samples collected in September 2022. Because naphthalene has not been detected in any of the indoor air, sub-slab soil vapor, soil vapor, and soil samples collected from the Site, the fact that some of the reporting limits for naphthalene were above its screening level does not affect the conclusions presented in this HHRA.

1.13.3 Use of Conservative Parameters to Develop Screening Levels

The estimated potential human health risks calculated in this HHRA are upper-bound, health conservative estimates of risks for plausibly exposed populations under reasonable maximum exposure (RME) scenarios. This is mainly due to the conservative nature of published screening levels like DTSC-SLs and RSLs, which are briefly discussed below.

- The exposure parameters used to develop screening levels for the RME scenarios are designed to evaluate the exposure of an individual at the high end of exposure distribution. Most individuals are expected to have exposures below the RME.

- To ensure risk assessments are health protective, published toxicity data for various chemicals incorporate safety factors to account for the uncertainty in the derived value. Safety factors account for uncertainty related to cross-species differences, experimental

procedures, insufficient chemical-specific data, and susceptibility in sensitive populations. Use of published toxicity data for estimation of screening levels is, therefore, likely to results in risk overestimates and ensures risk assessments are health protective.

1.13.4 Assumed Commercial AF

In order to estimate potential risks for future C/I workers and valet parking personnel, it was assumed that vapors in the subsurface in the vicinity of the sub-grade parking structure could potentially enter the parking structure and eventually reach occupied offices. The AF for future commercial buildings of 0.0005 (DTSC, 2011) was used for C/I workers even though the construction of the sub-grade parking structure will significantly limit vapor intrusion (see Section 1.7). As discussed in Section 1.8, this AF is conservative and appropriate for the Site.

1.13.5 Conservative Assumption that HQs are Cumulative

In this HHRA, calculated HQs were summed across all VOCs. This summation effectively assumes that all VOCs impact the same organ and that toxicity is additive. However, because the different VOCs may affect organs differently, the overall HI is likely less than suggested by the calculated cumulative HIs.

In accordance with DTSC guidance (2022a), if the HI for the site is greater than one, then the HI may be recalculated for chemicals which have the same toxic manifestation or which affect the same target organ. Since the overall HIs are significantly below one, recalculating HIs by target organ is not necessary.

1.14 HHRA Conclusions and Recommendations

As discussed in Section 1.12 and shown in Table 3, potential human health risks for future C/I workers (estimated incremental lifetime cancer risk of 1×10^{-6} and HI of 0.02) are at and below target risk levels, respectively. The main risk drivers are PCE (67%) and benzene (25%). Based on the maximum concentrations in the soil vapor dataset and the assumed attenuation factor of 0.0005, VOCs in soil vapor do not pose a significant risk to future C/I workers.

As shown in Table 4, potential human health risks for future valet parking personnel (estimated incremental lifetime cancer risk of 1×10^{-5} and HI of 0.2) are above and below target risk levels, respectively. The main risk drivers are PCE (67%) and benzene (25%; see Table 4). Therefore, based on the soil vapor dataset and assumed attenuation factor of 0.005, VOCs in soil vapor may pose a significant risk to future valet parking personnel.

Potential human health risks for future workers within parking level 1 office space are the same as the risks for C/I workers. Therefore, based on the soil vapor dataset and assumed attenuation factor of 0.0005, VOCs in soil vapor do not pose a significant risk to future workers within parking level 1 office space.

As mentioned in Section 1.7, construction of the sub-grade parking lots will significantly reduce vapor intrusion into the future buildings. It is EKI's understanding that the water-tight liner that will be used to completely seal the bottom and the sides of the garages is intended to also reduce vapor migration significantly across the liner, specifically of benzene and PCE.

EKI recommends that at least two rounds of indoor and garage air sampling (including the parking level 1 office space) be conducted post-redevelopment to confirm that C/I workers, valet parking personnel, and workers within the parking level 1 office space are protected and potential human health risks due to vapor intrusion are at or below target risk levels. Sampling activities should include collection of samples

when the HVAC system is on and off and also when the parking garage ventilation system is on and off. Given that benzene is a component of gasoline and will be present in the garages due to the parked cars, EKI recommends that the air sampling activities focus on PCE to confirm that residual PCE in soil vapor does not pose a significant vapor intrusion risk to the C/I workers, valet parking personnel, and workers withing parking level 1 office space. The first round of sampling should be conducted before the buildings are occupied and the garages are in use. These air sampling activities will aid in the evaluation of the efficacy of the liner and the garages to mitigate vapor intrusion. These sampling activities will also help evaluate if any preferential pathways (e.g., utility conduits and elevator shaft) need to be mitigated. The second round of sampling should be conducted after preferential pathways have been mitigated, if any are identified based on the first round of sampling, during the summer months if the first round of sampling was conducted during the fall or winter and air concentrations were below screening levels or a few months after the first round if it was conducted during the spring or summer and air concentrations were below screening levels.

In the event the indoor air data indicate that risks are above target risk levels after pathways are sealed, EKI recommends that the garage's ventilation system be adjusted (i.e., the ventilation rate is increased) to mitigate risks due to potential vapor intrusion.

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Table 1a
Summary of Analytical Results for VOCs in Soil
Crossings Campus, Culver City and Los Angeles, CA

Location ID	Sample ID	Sample Depth (ft bgs)	Sample Date		VOCs in Soil (ug/kg) (a,b)							
					Benzene	Ethylbenzene	Toluene	Total Xylenes	Naphthalene	Tetrachloroethene	Trichloroethene	Other VOCs
SVP-1	SVP-1-1	1	8/29/2022		<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	ND
	SVP-1-5	5	8/29/2022		<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	ND
	SVP-1-15	15	8/29/2022		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	ND
	SVP-1-20	20	8/29/2022		<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	ND
SVP-2	SVP-2-1	1	8/29/2022		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	ND
	SVP-2-5	5	8/29/2022		<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	ND
	SVP-2-15	15	8/29/2022		<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	ND
	SVP-2-25	25	8/29/2022		<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	ND
SVP-3	SVP-3-1	1	08/31/2022		<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	<6.3	ND
	SVP-3-5	5	08/31/2022		<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	ND
	SVP-3-15	15	08/31/2022		<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	ND
	SVP-3-25	25	08/31/2022		<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	<5.3	ND
SVP-4	SVP-4-1	1	08/31/2022		<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	ND
	SVP-4-5	5	08/31/2022		<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	ND
	SVP-4-15	15	08/31/2022		<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	ND
	SVP-4-25	25	08/31/2022		<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	ND
SVP-5	SVP-5-1	1	08/31/2022		<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	ND
	SVP-5-5	5	08/31/2022		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	ND
	SVP-5-15	15	08/31/2022		<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	ND
	SVP-5-25	25	08/31/2022		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	ND
SVP-6	SVP-6-1	1	08/31/2022		<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	ND
	SVP-6-3	3	08/31/2022		<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	ND
	SVP-6-5	5	08/31/2022		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	ND
	SVP-6-15	15	08/31/2022		<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	ND
	SVP-6-25	25	08/31/2022		<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	ND
SVP-7	SVP-7-1	1	09/02/2022		<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	ND
	SVP-7-5	5	09/02/2022		<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1	ND
	SVP-7-15	15	09/02/2022		<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	<5.5	ND
	SVP-7-25	25	09/02/2022		<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	ND
SVP-8	SVP-8-1	1	09/02/2022		<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	ND
	SVP-8-5	5	09/02/2022		<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	<6.9	ND
	SVP-8-15	15	09/02/2022		<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	ND
	SVP-8-25	25	09/02/2022		<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	ND
SVP-9	SVP-9-1	1	8/29/2022		<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	ND
	SVP-9-5	5	8/29/2022		<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	<4.5	ND
	SVP-9-15	15	8/29/2022		<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	ND
	SVP-9-22	22	8/29/2022		<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	ND
	SVP-9-25	25	8/29/2022		<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	ND
SVP-10	SVP-10-1	1	08/31/2022		**5.3**	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	ND
	SVP-10-5	5	08/31/2022		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	ND
	SVP-10-15	15	08/31/2022		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	ND
	SVP-10-25	25	08/31/2022		<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	ND
Soil DTSC-SL for C/I Worker Scenario (ug/kg) (c)				CR	**1,400**	**25,000**	**--**	**--**	**6,500**	**2,700**	**6,000**	**--**
				HQ	**46,000**	**17,000,000**	**5,300,000**	**2,500,000**	**570,000**	**390,000**	**19,000**	**--**

Table 1a
Summary of Analytical Results for VOCs in Soil
Crossings Campus, Culver City and Los Angeles, CA

Abbreviations:

<4.4 = Not detected above the stated laboratory reporting limit
"--" = not applicable/not available
C/I = commercial/industrial
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
ft bgs = feet below ground surface
HQ = hazard quotient
ND = not detected
ug/kg = micrograms per kilogram
VOCs = volatile organic chemicals

Notes:

(a) Soil vapor samples were analyzed by Enthalpy Analytical in Orange, California by U.S. EPA Method 8260B.
(b) Detected concentrations are shown in bold.
(c) Soil screening levels from DTSC-SLs Table 1. if a DTSC-SL is not available, then the corresponding U.S. EPA's RSL is shown. Screening levels based on RSLs have been underlined.

References:

(1) DTSC, 2022b. *HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs).* California Department of Toxic Substances Control. June 2020, Revised May 2022.
(3) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)* . United States Environmental Protection Agency. May 2022.

Table 1b
Summary of Soil Physical Properties
Crossings Campus, Culver City and Los Angeles, CA

Location ID	Sample ID	Depth (feet bgs)	Sample Date	USCS Classification	Particle Size Distribution (a)			Porosity Package (b)						Water-Filled Porosity (cm^3/cm^3) (c)	Air-Filled Porosity (cm^3/cm^3) (d)	Total Organic Carbon (mg/kg) (e)
					Silt/Clay (%)	Sand (%)	Gravel (%)	Moisture Content (% weight)	Dry Bulk Density (pcf)	Dry Bulk Density (g/cm^3)	Specific Gravity, Gs (g/cm^3)	Void Ratio, e	Total Porosity (%Vb)			
SVP-1	SVP-1-5.5	5.5	8/30/2022	Brown, Sandy Lean Clay (CL)	57.2	41.8	1.0	--	--	--	--	--	--	--	--	1,600
	SVP-1-15.5	15.5	8/30/2022	Brown, Sandy Lean Clay (CL)	65.5	34.1	0.4	20.29	104.65	1.68	2.63	0.57	36.26	0.34	0.022	820
	SVP-1-25.5	25.5	8/30/2022	--	--	--	--	--	--	--	--	--	--	--	--	840
SVP-2	SVP-2-5.5	5.5	08/29/2022	Brown, Sandy Lean Clay (CL)	61.9	37.9	0.1	17.32	109.29	1.75	2.61	0.49	33.01	0.30	0.027	1,600
	SVP-2-15.5	15.5	08/29/2022	Grayish Brown, Poorly Graded Sand with Clay and Gravel (SP-SC)	5.4	78.9	15.6	9.97	125.38	2.01	2.67	0.33	24.61	0.20	0.046	820
	SVP-2-25.5	25.5	08/29/2022	Olive Gray, Well Graded Sand (SW)	1.7	91.4	6.9	6.24	106.8	1.71	2.66	0.55	35.59	0.11	0.25	840
SVP-9	SVP-9-5.5	5.5	08/29/2022	--	--	--	--	16.11	108.05	1.73	2.63	0.52	34.15	0.28	0.063	1,800
	SVP-9-15.5	15.5	08/29/2022	Olive, Well Graded Sand with Silt and Gravel (SW-SM)	10.1	64.7	25.2	--	--	--	--	--	--	--	--	2,200
	SVP-9-25.5	25.5	08/29/2022	--	--	--	--	6.11	120.6	1.93	2.67	0.38	27.55	0.12	0.16	8,300

Abbreviations:

bgs = below ground surface
g/cm^3 = grams per cubic centimeter
mg/kg = miligrams per kilograms
pcf = pounds per cubic feet
USCS = United Soil Classification System
Vb = bulk volume

Notes:

(a) Particle-size distribution by ASTM D6913.
(b) Porosity package by API RP 40.
(c) Water-filled porosity is calculated as [(moisture content)/100 x (dry bulk density)].
(d) Air-filled porosity is calculated as [(total porosity) - (water-filled porosity)].
(e)' Total Organic Carbon by U.S. EPA 9060A.

Table 2
Statistical Summary and Screening Levels for VOCs in Soil Vapor
Crossings Campus, Culver City and Los Angeles, CA

Location ID	Sample ID	Sample Depth (ft bgs)	Sample Date	VOCs in Soil Vapor (ug/m^3) (a)																									
				Benzene	Ethylbenzene	Toluene	Total Xylenes	Naphthalene	Tetrachloroethene	Trichloroethene	Acetone	2-Butanone	Carbon Disulfide	Chloroethane	Chloromethane	Chloroform	1,1-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	4-Ethyltoluene	Hexane	Freon 12	Isopropanol	4-Methyl-2-Pentanone	Methylene Chloride	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
SVP-1	SVP-1-5	5	09/01/2022	**93**	**220**	**1,100**	**810**	<160	**2,900**	<32	<71	<88	**81**	<16	<12	<29	<24	<24	<28	<27	**57**	**45**	<30	<74	<25	<21	<34	**96**	**55**	<15
	SVP-1-15	15	09/01/2022	**100**	**51**	**480**	**140**	<52	**40**	<11	<24	<29	**280**	<5.3	<4.1	<9.8	<8.1	<7.9	<9.2	<9.1	**15**	**500**	<9.9	<25	<8.2	<6.9	<11	<9.8	<9.8	<5.1
	SVP-1-19.5	19.5	09/01/2022	<12	<16	**28**	<16	<98	**95**	<20	**62**	<55	<12	<9.9	<7.7	**29**	<15	<15	<17	<17	<18	**17**	<19	<46	<15	<13	<21	<18	<18	<9.6
SVP-2	SVP-2-5	5	09/01/2022	**110**	**220**	**1,700**	**870**	<160	**300**	<32	<71	<88	**60**	<16	<12	<29	<24	<24	<28	<27	**62**	**39**	<30	<74	<25	<21	<34	**110**	**61**	<15
	SVP-2-15	15	09/01/2022	**230**	**360**	**2,300**	**1,300**	<160	<41	<32	<71	<88	**160**	<16	<12	<29	<24	<24	<28	<27	**110**	**130**	<30	<74	<25	<21	<34	**140**	**88**	<15
	SVP-2-25	25	09/01/2022	**2.2**	**1.9**	**16**	**9.6**	<7.9	**20**	**7.1**	**14**	<4.4	**3.8**	<0.79	<0.62	**16**	<1.2	<1.2	<1.4	<1.4	<1.5	**2.7**	**2.5**	<3.7	<1.2	**3.1**	**3.5**	**2.7**	<1.5	<0.77
SVP-3	SVP-3-5	5	09/02/2022	**36**	**87**	**450**	**410**	<160	<41	<32	<71	<88	<19	<16	<12	<29	<24	<24	<28	<27	<29	<21	<30	<74	<25	<21	<34	**58**	<29	<15
	SVP-3-5-DUP	5	09/02/2022	**100**	**140**	**910**	**660**	<790	<200	<160	<360	<440	<93	<79	<62	<150	<120	<120	<140	<140	<150	<110	<150	<370	<120	<100	<170	<150	<150	<77
	SVP-3-15	15	09/02/2022	**160**	**160**	**1,100**	**670**	<160	<41	<32	<71	<88	**79**	<16	<12	<29	<24	<24	<28	<27	**36**	**140**	<30	<74	<25	<21	<34	**94**	**47**	<15
	SVP-3-27	27	09/02/2022	**170**	**140**	**920**	**600**	<390	<100	<81	<180	<220	**190**	<40	<31	<73	<61	<59	<69	<68	<74	**710**	<74	<180	<61	<52	<84	<74	<74	<38
SVP-9	SVP-9-5.5	5.5	09/01/2022	**83**	**80**	**530**	**280**	<160	**48**	<32	<71	<88	**53**	<16	<12	<29	<24	<24	<28	<27	<29	**150**	<30	<74	<25	<21	<34	**33**	<29	<15
	SVP-9-15.5	15.5	09/01/2022	**20**	**53**	**190**	**160**	<160	**220**	<32	<71	<88	<19	<16	<12	**46**	<24	<24	<28	<27	<29	**52**	<30	<74	<25	<21	<34	<29	<29	<15
	SVP-9-24	24	09/01/2022	**8.1**	**16**	**50**	**62**	<7.9	**16**	**19**	**37**	**7.7**	**7.1**	<0.79	**0.76**	<1.5	**27**	<1.2	<1.4	<1.4	**4.5**	**25**	**3.6**	<3.7	**2.1**	**3.3**	<1.7	**3.2**	**5.2**	<0.77
SVP-10	SVP-10-5	5	09/02/2022	**110**	**180**	**1,100**	**680**	<160	<41	<32	<71	<88	**78**	<16	<12	<29	<24	<24	<28	<27	**37**	**57**	<30	<74	<25	<21	<34	**97**	**51**	<15
	SVP-10-15	15	09/02/2022	**19**	**32**	**180**	**160**	<8.6	**31**	<1.8	**52**	**13**	**18**	<0.87	<0.68	<1.6	<1.3	<1.3	<1.5	<1.5	**11**	**9.5**	**3.2**	<4.1	**3.3**	**2.5**	<1.9	**30**	**14**	<0.84
	SVP-10-25	25	09/02/2022	**2.6**	**1.6**	**12**	<1.6	<9.4	**4.7**	<1.9	**100**	**7.5**	**29**	<0.95	<0.74	<1.8	**5.2**	<1.4	**2.3**	<1.6	<1.8	**32**	**3**	**7.2**	<1.5	**3.1**	<2.0	**2.8**	<1.8	<0.92
Indoor Air DTSC-SL for C/I Worker Scenario (ug/m^3) (b,c)			CR	0.42	4.9	--	--	0.36	2	3	--	--	--	--	--	0.53	7.7	--	3.3	3.1	--	--	--	--	--	12	--	--	--	0.16
			HQ	13	4,400	1,300	440	13	180	8.8	--	22,000	3,100	18,000	390	430	3,500	35	18	88	--	3,100	440	880	13,000	1,800	5,300	260	260	350
Calculated Soil Vapor DTSC-SL for C/I Worker Scenario (ug/m^3) AF = 0.0005 (d)			CR	**840**	**9,800**	**--**	**--**	**720**	**4,000**	**6,000**	**--**	**--**	**--**	**--**	**--**	**1,100**	**15,400**	**--**	**6,600**	**6,200**	**--**	**--**	**--**	**--**	**--**	**24,000**	**--**	**--**	**--**	**320**
			HQ	**2.6E+04**	**8.8E+06**	**2.6E+06**	**8.8E+05**	**2.6E+04**	**3.6E+05**	**1.8E+04**	**--**	**4.4E+07**	**6.2E+06**	**3.6E+07**	**7.8E+05**	**8.6E+05**	**7.0E+06**	**7.0E+04**	**3.6E+04**	**1.8E+05**	**--**	**6.2E+06**	**8.8E+05**	**1.8E+06**	**2.6E+07**	**3.6E+06**	**1.1E+07**	**5.2E+05**	**5.2E+05**	**7.0E+05**
Calculated Soil Vapor DTSC-SL for Valet Parking Scenario (ug/m^3) AF = 0.005 (e)			CR	**84**	**980**	**--**	**--**	**72**	**400**	**600**	**--**	**--**	**--**	**--**	**--**	**110**	**1,540**	**--**	**660**	**620**	**--**	**--**	**--**	**--**	**--**	**2,400**	**--**	**--**	**--**	**32**
			HQ	**2.6E+03**	**8.8E+05**	**2.6E+05**	**8.8E+04**	**2.6E+03**	**3.6E+04**	**1.8E+03**	**--**	**4.4E+06**	**6.2E+05**	**3.6E+06**	**7.8E+04**	**8.6E+04**	**7.0E+05**	**7.0E+03**	**3.6E+03**	**1.8E+04**	**--**	**6.2E+05**	**8.8E+04**	**1.8E+05**	**2.6E+06**	**3.6E+05**	**1.1E+06**	**5.2E+04**	**5.2E+04**	**7.0E+04**
Calculated Soil Vapor DTSC-SL for Parking Level 1 Office Space Scenario (ug/m^3) AF = 0.0005 (f)			CR	**840**	**9,800**	**--**	**--**	**720**	**4,000**	**6,000**	**--**	**--**	**--**	**--**	**--**	**1,100**	**15,400**	**--**	**6,600**	**6,200**	**--**	**--**	**--**	**--**	**--**	**24,000**	**--**	**--**	**--**	**320**
			HQ	**2.6E+04**	**8.8E+06**	**2.6E+06**	**8.8E+05**	**2.6E+04**	**3.6E+05**	**1.8E+04**	**--**	**4.4E+07**	**6.2E+06**	**3.6E+07**	**7.8E+05**	**8.6E+05**	**7.0E+06**	**7.0E+04**	**3.6E+04**	**1.8E+05**	**--**	**6.2E+06**	**8.8E+05**	**1.8E+06**	**2.6E+07**	**3.6E+06**	**1.1E+07**	**5.2E+05**	**5.2E+05**	**7.0E+05**
Number of Samples				15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Number of Detections				14	14	15	13	0	10	2	5	3	12	0	1	3	2	0	1	0	8	14	4	1	2	4	1	11	7	0
Frequency of Detection				93%	93%	100%	87%	0%	67%	13%	33%	20%	80%	0%	7%	20%	13%	0%	7%	0%	53%	93%	27%	7%	13%	27%	7%	73%	47%	0%
Minimum Concentration				2.2	1.6	12	9.6	--	4.7	7.1	14	7.5	3.8	--	0.76	16	5.2	--	2.3	--	4.5	2.7	2.5	7.2	2.1	2.5	3.5	2.7	5.2	--
Maximum Concentration				230	360	2,300	1,300	--	2,900	19	100	13	280	--	0.76	46	27	--	2.3	--	110	710	3.6	7.2	3.3	3.3	3.5	140	88	--
Mean Concentration				86	118	708	492	--	367	13	53	9.4	87	--	0.76	30	16	--	2.3	--	42	136	3.1	7.2	2.7	3.0	3.5	61	46	--
Median Concentration				97	110	530	600	--	44	13	52	7.7	69	--	0.76	29	16	--	2.3	--	37	49	3.1	7.2	2.7	3.1	3.5	58	51	--
Standard Deviation				70	104	684	388	--	895	8.4	32	3.1	83	--	--	15	15	--	--	--	35	208	0.5	--	0.8	0.3	--	49	28	--
UCL of the Mean Concentration (g)				113	158	1,019	610	--	1,575	--	59	--	109.7	--	--	--	--	--	--	--	43	334	3.48	--	--	3.3	--	68.7	40.8	--
Representative Concentration (h)				**230**	**360**	**2,300**	**1,300**	**--**	**2,900**	**19**	**100**	**13**	**280**	**--**	**0.76**	**46**	**27**	**--**	**2.3**	**--**	**110**	**710**	**3.6**	**7.2**	**3.3**	**3.3**	**3.5**	**140**	**88**	**--**

Abbreviations:

<1.6 = Not detected above the stated laboratory reporting limit
"--" = not applicable/not available
AF = attenuation factor
C/I = commercial/industrial
COC = chemical of concern
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
ft bgs = feet below ground surface
HQ = hazard quotient
UCL = upper confidence limit
ug/m^3 = micrograms per cubic meter
VOCs = volatile organic chemicals

Notes:

(a) Only VOCs detected in soil vapor samples collected from the Site in September 2022 are included herein. Naphthalene is also included because it is considered a COC for the Site. Detected concentrations are shown in bold.
(b) Indoor air screening levels from DTSC-SLs Table 3. If a DTSC-SL is not available, then the corresponding U.S. EPA's RSL is shown. Screening levels based on RSLs have been underlined.
(c) Indoor air DTSC-SLs have been grayed out because they should not be compared to soil vapor data.
(d) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.0005 (DTSC, 2011).
(e) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.005.
(f) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.0005.
(g) The UCL of the mean concentration was calculated using U.S. EPA's ProUCL (version 5.1.002) when enough detections (i.e., at least 4) were available.
(h) Consistent with Cal-EPA (2020) and DTSC guidance (2022a), the maximum detected concentration was used as the representative concentration.

Table 2
Statistical Summary and Screening Levels for VOCs in Soil Vapor
Crossings Campus, Culver City and Los Angeles, CA

References:

(1) Cal-EPA, 2020. *Supplemental Guidance: Screening and Evaluation Vapor Intrusion – Draft for Public Comments,* California Environmental Protection Agency, February 2020.
(2) DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* , California Department of Toxic Substances Control, October 2011.
(3) DTSC, 2022a. *HERO HHRA Note Number: 4, Guidance for Screening Level Human Health Risk Assessment.* California Department of Toxic Substances Control. 29 March 2022.
(4) DTSC, 2022b. *HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs).* California Department of Toxic Substances Control. June 2020, Revised May 2022.
(5) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)* . United States Environmental Protection Agency. May 2022.

Table 1d
Summary of Analytical Results for Fixed Gases
Crossings Campus, Culver City and Los Angeles, CA

Location ID	Sample ID	Depth (feet bgs)	Sample Date	Fixed Gases (b)				
				Carbon Dioxide (% v/v)	Carbon Monoxide (% v/v)	Methane (% v/v)	Nitrogen (% v/v)	Oxygen/Argon (% v/v)
SVP-9	SVP-9-5.5	5.5	09/01/2022	**0.52**	<0.20	<0.20	**91**	**8.7**
	SVP-9-15.5	15.5	09/01/2022	**0.82**	<0.15	<0.15	**91**	**8.0**
	SVP-9-24	24	09/01/2022	**1.5**	<0.18	<0.18	**96**	**2.8**
SVP-10	SVP-10-5	5	09/02/2022	**1.2**	<0.18	<0.18	**84**	**15**
	SVP-10-15	15	09/02/2022	**2.2**	<0.17	<0.17	**86**	**12**
	SVP-10-25	25	09/02/2022	**4.3**	<0.18	**0.38**	**94**	**1.4**

Abbreviations:
% v/v = percent volume per volume
bgs= below ground surface

Notes:
(a) Fixed gases by ASTM D1946.

Table 2
Statistical Summary and Screening Levels for VOCs in Soil Vapor
Crossings Campus, Culver City and Los Angeles, CA

Location ID	Sample ID	Sample Depth (ft bgs)	Sample Date	VOCs in Soil Vapor (ug/m^3) (a)																									
				Benzene	Ethylbenzene	Toluene	Total Xylenes	Naphthalene	Tetrachloroethene	Trichloroethene	Acetone	2-Butanone	Carbon Disulfide	Chloroethane	Chloromethane	Chloroform	1,1-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	cis-1,3-Dichloropropene	4-Ethyltoluene	Hexane	Freon 12	Isopropanol	4-Methyl-2-Pentanone	Methylene Chloride	Trichlorofluoromethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
SVP-1	SVP-1-5	5	09/01/2022	**93**	**220**	**1,100**	**810**	<160	**2,900**	<32	<71	<88	**81**	<16	<12	<29	<24	<24	<28	<27	**57**	**45**	<30	<74	<25	<21	<34	**96**	**55**	<15
	SVP-1-15	15	09/01/2022	**100**	**51**	**480**	**140**	<52	**40**	<11	<24	<29	**280**	<5.3	<4.1	<9.8	<8.1	<7.9	<9.2	<9.1	**15**	**500**	<9.9	<25	<8.2	<6.9	<11	<9.8	<9.8	<5.1
	SVP-1-19.5	19.5	09/01/2022	<12	<16	**28**	<16	<98	**95**	<20	**62**	<55	<12	<9.9	<7.7	**29**	<15	<15	<17	<17	<18	**17**	<19	<46	<15	<13	<21	<18	<18	<9.6
SVP-2	SVP-2-5	5	09/01/2022	**110**	**220**	**1,700**	**870**	<160	**300**	<32	<71	<88	**60**	<16	<12	<29	<24	<24	<28	<27	**62**	**39**	<30	<74	<25	<21	<34	**110**	**61**	<15
	SVP-2-15	15	09/01/2022	**230**	**360**	**2,300**	**1,300**	<160	<41	<32	<71	<88	**160**	<16	<12	<29	<24	<24	<28	<27	**110**	**130**	<30	<74	<25	<21	<34	**140**	**88**	<15
	SVP-2-25	25	09/01/2022	**2.2**	**1.9**	**16**	**9.6**	<7.9	**20**	**7.1**	**14**	<4.4	**3.8**	<0.79	<0.62	**16**	<1.2	<1.2	<1.4	<1.4	<1.5	**2.7**	**2.5**	<3.7	<1.2	**3.1**	**3.5**	**2.7**	<1.5	<0.77
SVP-3	SVP-3-5	5	09/02/2022	**36**	**87**	**450**	**410**	<160	<41	<32	<71	<88	<19	<16	<12	<29	<24	<24	<28	<27	<29	<21	<30	<74	<25	<21	<34	**58**	<29	<15
	SVP-3-5-DUP	5	09/02/2022	**100**	**140**	**910**	**660**	<790	<200	<160	<360	<440	<93	<79	<62	<150	<120	<120	<140	<140	<150	<110	<150	<370	<120	<100	<170	<150	<150	<77
	SVP-3-15	15	09/02/2022	**160**	**160**	**1,100**	**670**	<160	<41	<32	<71	<88	**79**	<16	<12	<29	<24	<24	<28	<27	**36**	**140**	<30	<74	<25	<21	<34	**94**	**47**	<15
	SVP-3-27	27	09/02/2022	**170**	**140**	**920**	**600**	<390	<100	<81	<180	<220	**190**	<40	<31	<73	<61	<59	<69	<68	<74	**710**	<74	<180	<61	<52	<84	<74	<74	<38
SVP-9	SVP-9-5.5	5.5	09/01/2022	**83**	**80**	**530**	**280**	<160	**48**	<32	<71	<88	**53**	<16	<12	<29	<24	<24	<28	<27	<29	**150**	<30	<74	<25	<21	<34	**33**	<29	<15
	SVP-9-15.5	15.5	09/01/2022	**20**	**53**	**190**	**160**	<160	**220**	<32	<71	<88	<19	<16	<12	**46**	<24	<24	<28	<27	<29	**52**	<30	<74	<25	<21	<34	<29	<29	<15
	SVP-9-24	24	09/01/2022	**8.1**	**16**	**50**	**62**	<7.9	**16**	**19**	**37**	**7.7**	**7.1**	<0.79	**0.76**	<1.5	**27**	<1.2	<1.4	<1.4	**4.5**	**25**	**3.6**	<3.7	**2.1**	**3.3**	<1.7	**3.2**	**5.2**	<0.77
SVP-10	SVP-10-5	5	09/02/2022	**110**	**180**	**1,100**	**680**	<160	<41	<32	<71	<88	**78**	<16	<12	<29	<24	<24	<28	<27	**37**	**57**	<30	<74	<25	<21	<34	**97**	**51**	<15
	SVP-10-15	15	09/02/2022	**19**	**32**	**180**	**160**	<8.6	**31**	<1.8	**52**	**13**	**18**	<0.87	<0.68	<1.6	<1.3	<1.3	<1.5	<1.5	**11**	**9.5**	**3.2**	<4.1	**3.3**	**2.5**	<1.9	**30**	**14**	<0.84
	SVP-10-25	25	09/02/2022	**2.6**	**1.6**	**12**	<1.6	<9.4	**4.7**	<1.9	**100**	**7.5**	**29**	<0.95	<0.74	<1.8	**5.2**	<1.4	**2.3**	<1.6	<1.8	**32**	**3**	**7.2**	<1.5	**3.1**	<2.0	**2.8**	<1.8	<0.92
Indoor Air DTSC-SL for C/I Worker Scenario (ug/m^3) (b,c)			CR	0.42	4.9	--	--	0.36	2	3	--	--	--	--	--	0.53	7.7	--	3.3	3.1	--	--	--	--	--	12	--	--	--	0.16
			HQ	13	4,400	1,300	440	13	180	8.8	--	22,000	3,100	18,000	390	430	3,500	35	18	88	--	3,100	440	880	13,000	1,800	5,300	260	260	350
Calculated Soil Vapor DTSC-SL for C/I Worker Scenario (ug/m^3) AF = 0.0005 (d)			CR	**840**	**9,800**	**--**	**--**	**720**	**4,000**	**6,000**	**--**	**--**	**--**	**--**	**--**	**1,100**	**15,400**	**--**	**6,600**	**6,200**	**--**	**--**	**--**	**--**	**--**	**24,000**	**--**	**--**	**--**	**320**
			HQ	**2.6E+04**	**8.8E+06**	**2.6E+06**	**8.8E+05**	**2.6E+04**	**3.6E+05**	**1.8E+04**	**--**	**4.4E+07**	**6.2E+06**	**3.6E+07**	**7.8E+05**	**8.6E+05**	**7.0E+06**	**7.0E+04**	**3.6E+04**	**1.8E+05**	**--**	**6.2E+06**	**8.8E+05**	**1.8E+06**	**2.6E+07**	**3.6E+06**	**1.1E+07**	**5.2E+05**	**5.2E+05**	**7.0E+05**
Calculated Soil Vapor DTSC-SL for Valet Parking Scenario (ug/m^3) AF = 0.005 (e)			CR	**84**	**980**	**--**	**--**	**72**	**400**	**600**	**--**	**--**	**--**	**--**	**--**	**110**	**1,540**	**--**	**660**	**620**	**--**	**--**	**--**	**--**	**--**	**2,400**	**--**	**--**	**--**	**32**
			HQ	**2.6E+03**	**8.8E+05**	**2.6E+05**	**8.8E+04**	**2.6E+03**	**3.6E+04**	**1.8E+03**	**--**	**4.4E+06**	**6.2E+05**	**3.6E+06**	**7.8E+04**	**8.6E+04**	**7.0E+05**	**7.0E+03**	**3.6E+03**	**1.8E+04**	**--**	**6.2E+05**	**8.8E+04**	**1.8E+05**	**2.6E+06**	**3.6E+05**	**1.1E+06**	**5.2E+04**	**5.2E+04**	**7.0E+04**
Calculated Soil Vapor DTSC-SL for Parking Level 1 Office Space Scenario (ug/m^3) AF = 0.0005 (f)			CR	**840**	**9,800**	**--**	**--**	**720**	**4,000**	**6,000**	**--**	**--**	**--**	**--**	**--**	**1,100**	**15,400**	**--**	**6,600**	**6,200**	**--**	**--**	**--**	**--**	**--**	**24,000**	**--**	**--**	**--**	**320**
			HQ	**2.6E+04**	**8.8E+06**	**2.6E+06**	**8.8E+05**	**2.6E+04**	**3.6E+05**	**1.8E+04**	**--**	**4.4E+07**	**6.2E+06**	**3.6E+07**	**7.8E+05**	**8.6E+05**	**7.0E+06**	**7.0E+04**	**3.6E+04**	**1.8E+05**	**--**	**6.2E+06**	**8.8E+05**	**1.8E+06**	**2.6E+07**	**3.6E+06**	**1.1E+07**	**5.2E+05**	**5.2E+05**	**7.0E+05**
Number of Samples				15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Number of Detections				14	14	15	13	0	10	2	5	3	12	0	1	3	2	0	1	0	8	14	4	1	2	4	1	11	7	0
Frequency of Detection				93%	93%	100%	87%	0%	67%	13%	33%	20%	80%	0%	7%	20%	13%	0%	7%	0%	53%	93%	27%	7%	13%	27%	7%	73%	47%	0%
Minimum Concentration				2.2	1.6	12	9.6	--	4.7	7.1	14	7.5	3.8	--	0.76	16	5.2	--	2.3	--	4.5	2.7	2.5	7.2	2.1	2.5	3.5	2.7	5.2	--
Maximum Concentration				230	360	2,300	1,300	--	2,900	19	100	13	280	--	0.76	46	27	--	2.3	--	110	710	3.6	7.2	3.3	3.3	3.5	140	88	--
Mean Concentration				86	118	708	492	--	367	13	53	9.4	87	--	0.76	30	16	--	2.3	--	42	136	3.1	7.2	2.7	3.0	3.5	61	46	--
Median Concentration				97	110	530	600	--	44	13	52	7.7	69	--	0.76	29	16	--	2.3	--	37	49	3.1	7.2	2.7	3.1	3.5	58	51	--
Standard Deviation				70	104	684	388	--	895	8.4	32	3.1	83	--	--	15	15	--	--	--	35	208	0.5	--	0.8	0.3	--	49	28	--
UCL of the Mean Concentration (g)				113	158	1,019	610	--	1,575	--	59	--	109.7	--	--	--	--	--	--	--	43	334	3.48	--	--	3.3	--	68.7	40.8	--
Representative Concentration (h)				**230**	**360**	**2,300**	**1,300**	**--**	**2,900**	**19**	**100**	**13**	**280**	**--**	**0.76**	**46**	**27**	**--**	**2.3**	**--**	**110**	**710**	**3.6**	**7.2**	**3.3**	**3.3**	**3.5**	**140**	**88**	**--**

Abbreviations:

<1.6 = Not detected above the stated laboratory reporting limit
"--" = not applicable/not available
AF = attenuation factor
C/I = commercial/industrial
COC = chemical of concern
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
ft bgs = feet below ground surface
HQ = hazard quotient
UCL = upper confidence limit
ug/m^3 = micrograms per cubic meter
VOCs = volatile organic chemicals

Notes:

(a) Only VOCs detected in soil vapor samples collected from the Site in September 2022 are included herein. Naphthalene is also included because it is considered a COC for the Site. Detected concentrations are shown in bold.
(b) Indoor air screening levels from DTSC-SLs Table 3. If a DTSC-SL is not available, then the corresponding U.S. EPA's RSL is shown. Screening levels based on RSLs have been underlined.
(c) Indoor air DTSC-SLs have been grayed out because they should not be compared to soil vapor data.
(d) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.0005 (DTSC, 2011).
(e) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.005.
(f) Soil vapor screening levels were calculated by dividing the corresponding indoor air screening level by an attenuation factor of 0.0005.
(g) The UCL of the mean concentration was calculated using U.S. EPA's ProUCL (version 5.1.002) when enough detections (i.e., at least 4) were available.
(h) Consistent with Cal-EPA (2020) and DTSC guidance (2022a), the maximum detected concentration was used as the representative concentration.

Table 2
Statistical Summary and Screening Levels for VOCs in Soil Vapor
Crossings Campus, Culver City and Los Angeles, CA

References:

(1) Cal-EPA, 2020. *Supplemental Guidance: Screening and Evaluation Vapor Intrusion – Draft for Public Comments,* California Environmental Protection Agency, February 2020.
(2) DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* , California Department of Toxic Substances Control, October 2011.
(3) DTSC, 2022a. *HERO HHRA Note Number: 4, Guidance for Screening Level Human Health Risk Assessment.* California Department of Toxic Substances Control. 29 March 2022.
(4) DTSC, 2022b. *HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs).* California Department of Toxic Substances Control. June 2020, Revised May 2022.
(5) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)* . United States Environmental Protection Agency. May 2022.

Table 3
Estimated Human Health Risks for the C/I Worker Scenario
Crossings Campus, Culver City and Los Angeles, CA

Detected VOCs	Representative Concentration in Soil Vapor ($\mu g/m^3$) (a)	Calculated Soil Vapor DTSC-SL for C/I Worker Scenario for Non-Carcinogenic VOCs ($\mu g/m^3$) AF = 0.0005 (a)	Calculated Soil Vapor DTSC-SL for C/I Worker Scenario for Carcinogenic VOCs ($\mu g/m^3$) AF = 0.0005 (a)	Estimated Hazard Quotient due to Inhalation of VOCs (HQ) AF = 0.0005	% of HI	Estimated Cancer Risk due to inhalation of VOCs (CR) AF = 0.0005	% of Total CR
Benzene	230	2.6E+04	8.4E+02	8.8E-03	42%	2.7E-07	25%
Ethylbenzene	360	8.8E+06	9.8E+03	4.1E-05	0.2%	3.7E-08	3%
Toluene	2,300	2.6E+06	--	8.8E-04	4%	--	--
Total Xylenes	1,300	8.8E+05	--	1.5E-03	7%	--	--
Naphthalene	--	2.6E+04	7.2E+02	--	--	--	--
Tetrachloroethene	2,900	3.6E+05	4.0E+03	8.1E-03	38%	7.3E-07	67%
Trichloroethene	19	1.8E+04	6.0E+03	1.1E-03	5%	3.2E-09	0.3%
Acetone	100	--	--	--	--	--	--
2-Butanone	13	4.4E+07	--	3.0E-07	0.001%	--	--
Carbon Disulfide	280	6.2E+06	--	4.5E-05	0.2%	--	--
Chloroethane	--	3.6E+07	--	--	--	--	--
Chloromethane	1	7.8E+05	--	9.7E-07	0.005%	--	--
Chloroform	46	8.6E+05	1.1E+03	5.3E-05	0.3%	4.2E-08	4%
1,1-Dichloroethane	27	7.0E+06	1.5E+04	3.9E-06	0.02%	1.8E-09	0.2%
cis-1,2-Dichloroethene	--	7.0E+04	--	--	--	--	--
1,2-Dichloropropane	2.3	3.6E+04	6.6E+03	6.4E-05	0.3%	3.5E-10	0.03%
cis-1,3-Dichloropropene	--	1.8E+05	6.2E+03	--	--	--	--
4-Ethyltoluene	110	--	--	--	--	--	--
Hexane	710	6.2E+06	--	1.1E-04	1%	--	--
Freon 12	3.6	8.8E+05	--	4.1E-06	0.02%	--	--
Isopropanol	7	1.8E+06	--	4.1E-06	0.02%	--	--
4-Methyl-2-Pentanone	3.3	2.6E+07	--	1.3E-07	0.001%	--	--
Methylene Chloride	3.3	3.6E+06	2.4E+04	9.2E-07	0.004%	1.4E-10	0.01%
Trichlorofluoromethane	3.5	1.1E+07	--	3.3E-07	0.002%	--	--
1,2,4-Trimethylbenzene	140	5.2E+05	--	2.7E-04	1%	--	--
1,3,5-Trimethylbenzene	88	5.2E+05	--	1.7E-04	1%	--	--
Vinyl Chloride	--	7.0E+05	3.2E+02	--	--	--	--
Vapor Intrusion Pathway (b)				0.02	100%	1E-06	100%
Target Risk Levels (c)				**1**		**1E-06**	

Abbreviations:
"--" = not applicable/not available
AF = attenuation factor
C/I = commercial/industrial
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
HQ = hazard quotient
$\mu g/m^3$ = micrograms per cubic meter
VOCs = volatile organic chemicals

Notes:
(a) Soil vapor representative concentrations and calculated screening levels were obtained from Table 2.
(b) Consistent with U.S. EPA guidance, the risk estimates presented in this table are rounded to one significant figure (U.S. EPA, 2000).
(c) Target risk levels from California Code of Regulations, Title 22, Division 4.5, Sections 68400.5, 69020-69022 (effective 4 September 2018).

References:
(1) DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, California Department of Toxic Substances Control, October 2011.
(2) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)*. United States Environmental Protection Agency. May 2022.
(3) U.S. EPA, 2000. *Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment Bulletins,* U.S. Environmental Protection Agency Region 4, May 2000.

Table 4
Estimated Human Health Risks for the Valet Parking Scenario
Crossings Campus, Culver City and Los Angeles, CA

Detected VOCs	Representative Concentration in Soil Vapor ($\mu g/m^3$) (a)	Calculated Soil Vapor DTSC-SL for Valet Parking Scenario for Non-Carcinogenic VOCs ($\mu g/m^3$) AF = 0.005 (a)	Calculated Soil Vapor DTSC-SL for Valet Parking Scenario for Carcinogenic VOCs ($\mu g/m^3$) AF = 0.005 (a)	Estimated Hazard Quotient due to Inhalation of VOCs (HQ) AF = 0.005	% of HI	Estimated Cancer Risk due to inhalation of VOCs (CR) AF = 0.005	% of Total CR
Benzene	230	2.6E+03	8.4E+01	8.8E-02	42%	**2.7E-06**	25%
Ethylbenzene	360	8.8E+05	9.8E+02	4.1E-04	0.2%	3.7E-07	3%
Toluene	2,300	2.6E+05	--	8.8E-03	4%	--	--
Total Xylenes	1,300	8.8E+04	--	1.5E-02	7%	--	--
Naphthalene	--	2.6E+03	7.2E+01	--	--	--	--
Tetrachloroethene	2,900	3.6E+04	4.0E+02	8.1E-02	38%	**7.3E-06**	67%
Trichloroethene	19	1.8E+03	6.0E+02	1.1E-02	5%	3.2E-08	0.3%
Acetone	100	--	--	--	--	--	--
2-Butanone	13	4.4E+06	--	3.0E-06	0.001%	--	--
Carbon Disulfide	280	6.2E+05	--	4.5E-04	0.2%	--	--
Chloroethane	--	3.6E+06	--	--	--	--	--
Chloromethane	1	7.8E+04	--	9.7E-06	0.005%	--	--
Chloroform	46	8.6E+04	1.1E+02	5.3E-04	0.3%	4.2E-07	4%
1,1-Dichloroethane	27	7.0E+05	1.5E+03	3.9E-05	0.02%	1.8E-08	0.2%
cis-1,2-Dichloroethene	--	7.0E+03	--	--	--	--	--
1,2-Dichloropropane	2.3	3.6E+03	6.6E+02	6.4E-04	0.3%	3.5E-09	0.03%
cis-1,3-Dichloropropene	--	1.8E+04	6.2E+02	--	--	--	--
4-Ethyltoluene	110	--	--	--	--	--	--
Hexane	710	6.2E+05	--	1.1E-03	1%	--	--
Freon 12	3.6	8.8E+04	--	4.1E-05	0.02%	--	--
Isopropanol	7	1.8E+05	--	4.1E-05	0.02%	--	--
4-Methyl-2-Pentanone	3.3	2.6E+06	--	1.3E-06	0.001%	--	--
Methylene Chloride	3.3	3.6E+05	2.4E+03	9.2E-06	0.004%	1.4E-09	0.01%
Trichlorofluoromethane	3.5	1.1E+06	--	3.3E-06	0.002%	--	--
1,2,4-Trimethylbenzene	140	5.2E+04	--	2.7E-03	1%	--	--
1,3,5-Trimethylbenzene	88	5.2E+04	--	1.7E-03	1%	--	--
Vinyl Chloride	--	7.0E+04	3.2E+01	--	--	--	--
Vapor Intrusion Pathway (b)				0.2	100%	**1E-05**	100%
Target Risk Levels (c)				**1**		**1E-06**	

Abbreviations:
"--" = not applicable/not available
AF = attenuation factor
C/I = commercial/industrial
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
HQ = hazard quotient
$\mu g/m^3$ = micrograms per cubic meter
VOCs = volatile organic chemicals

Notes:
(a) Soil vapor representative concentrations and calculated screening levels were obtained from Table 2.
(b) Consistent with U.S. EPA guidance, the risk estimates presented in this table are rounded to one significant figure (U.S. EPA, 2000).
(c) Target risk levels from California Code of Regulations, Title 22, Division 4.5, Sections 68400.5, 69020-69022 (effective 4 September 2018).

References:
(1) DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, California Department of Toxic Substances Control, October 2011.
(2) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)*. United States Environmental Protection Agency. May 2022.
(3) U.S. EPA, 2000. *Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment Bulletins,* U.S. Environmental Protection Agency Region 4, May 2000.

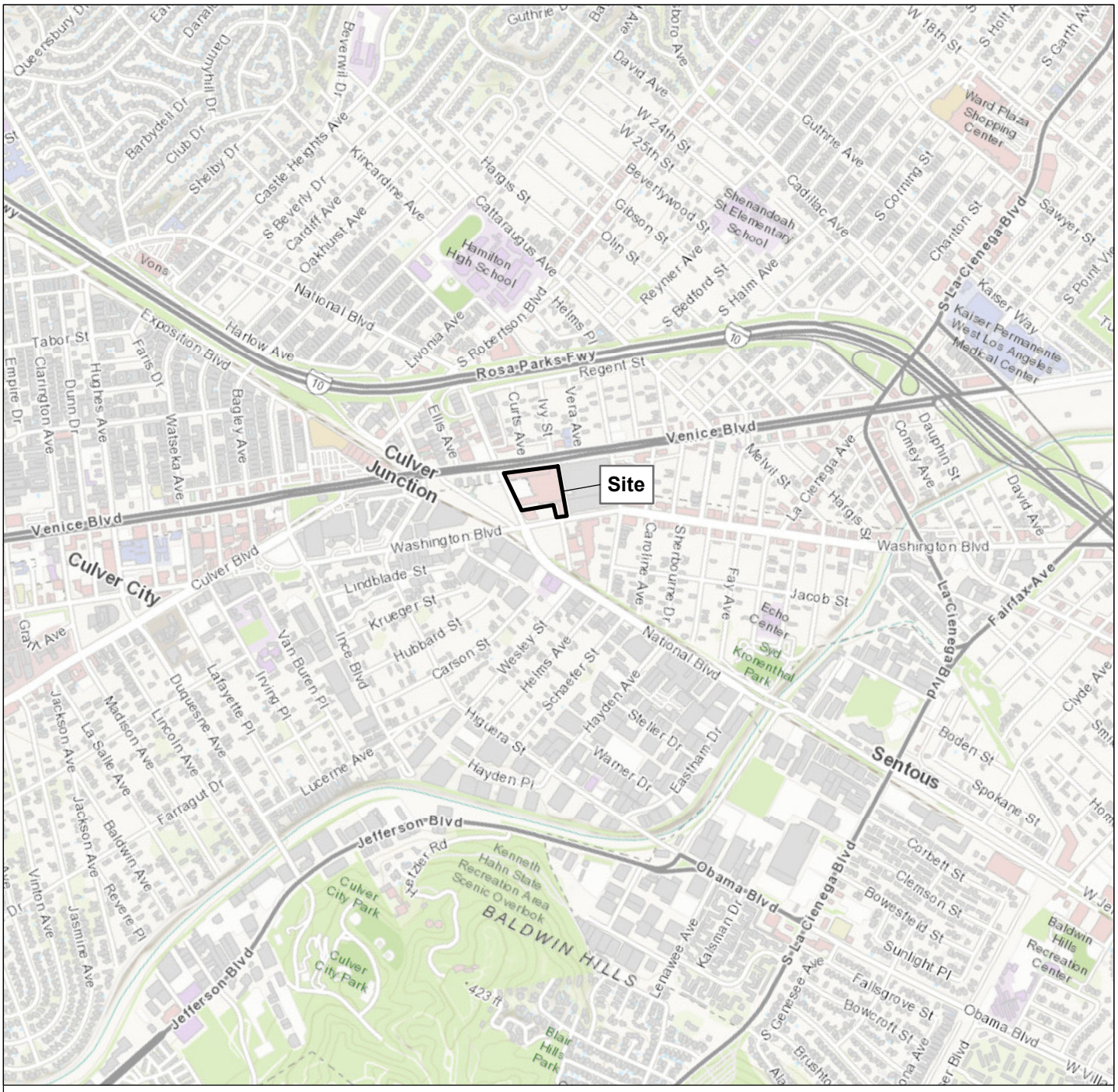
Table 5
Estimated Human Health Risks for the Parking Level 1 Office Space Scenario
Crossings Campus, Culver City and Los Angeles, CA

Detected VOCs	Representative Concentration in Soil Vapor ($\mu g/m^3$) (a)	Calculated Soil Vapor DTSC-SL for Parking Level 1 Office Space Scenario for Non-Carcinogenic VOCs ($\mu g/m^3$) AF = 0.0008 (a)	Calculated Soil Vapor DTSC-SL for Valet Parking Scenario for Carcinogenic VOCs ($\mu g/m^3$) AF = 0.0008 (a)	Estimated Hazard Quotient due to Inhalation of VOCs (HQ) AF = 0.0008	% of HI	Estimated Cancer Risk due to inhalation of VOCs (CR) AF = 0.0008	% of Total CR
Benzene	230	2.6E+04	8.4E+02	8.8E-03	42%	2.7E-07	25%
Ethylbenzene	360	8.8E+06	9.8E+03	4.1E-05	0.2%	3.7E-08	3%
Toluene	2,300	2.6E+06	--	8.8E-04	4%	--	--
Total Xylenes	1,300	8.8E+05	--	1.5E-03	7%	--	--
Naphthalene	--	2.6E+04	7.2E+02	--	--	--	--
Tetrachloroethene	2,900	3.6E+05	4.0E+03	8.1E-03	38%	7.3E-07	67%
Trichloroethene	19	1.8E+04	6.0E+03	1.1E-03	5%	3.2E-09	0.3%
Acetone	100	--	--	--	--	--	--
2-Butanone	13	4.4E+07	--	3.0E-07	0.001%	--	--
Carbon Disulfide	280	6.2E+06	--	4.5E-05	0.2%	--	--
Chloroethane	--	3.6E+07	--	--	--	--	--
Chloromethane	1	7.8E+05	--	9.7E-07	0.005%	--	--
Chloroform	46	8.6E+05	1.1E+03	5.3E-05	0.3%	4.2E-08	4%
1,1-Dichloroethane	27	7.0E+06	1.5E+04	3.9E-06	0.02%	1.8E-09	0.2%
cis-1,2-Dichloroethene	--	7.0E+04	--	--	--	--	--
1,2-Dichloropropane	2.3	3.6E+04	6.6E+03	6.4E-05	0.3%	3.5E-10	0.03%
cis-1,3-Dichloropropene	--	1.8E+05	6.2E+03	--	--	--	--
4-Ethyltoluene	110	--	--	--	--	--	--
Hexane	710	6.2E+06	--	1.1E-04	1%	--	--
Freon 12	3.6	8.8E+05	--	4.1E-06	0.02%	--	--
Isopropanol	7	1.8E+06	--	4.1E-06	0.02%	--	--
4-Methyl-2-Pentanone	3.3	2.6E+07	--	1.3E-07	0.001%	--	--
Methylene Chloride	3.3	3.6E+06	2.4E+04	9.2E-07	0.004%	1.4E-10	0.01%
Trichlorofluoromethane	3.5	1.1E+07	--	3.3E-07	0.002%	--	--
1,2,4-Trimethylbenzene	140	5.2E+05	--	2.7E-04	1%	--	--
1,3,5-Trimethylbenzene	88	5.2E+05	--	1.7E-04	1%	--	--
Vinyl Chloride	--	7.0E+05	3.2E+02	--	--	--	--
Vapor Intrusion Pathway (b)				0.02	100%	1E-06	100%
Target Risk Levels (c)				**1**		**1E-06**	

Abbreviations:
"--" = not applicable/not available
AF = attenuation factor
C/I = commercial/industrial
CR = cancer risk
DTSC = Department of Toxic Substances Control
DTSC-SL = DTSC Note 3 Screening Level
HQ = hazard quotient
$\mu g/m^3$ = micrograms per cubic meter
VOCs = volatile organic chemicals

Notes:
(a) Soil vapor representative concentrations and calculated screening levels were obtained from Table 2.
(b) Consistent with U.S. EPA guidance, the risk estimates presented in this table are rounded to one significant figure (U.S. EPA, 2000).
(c) Target risk levels from California Code of Regulations, Title 22, Division 4.5, Sections 68400.5, 69020-69022 (effective 4 September 2018).

References:
(1) DTSC, 2011. *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*, California Department of Toxic Substances Control, October 2011.
(2) U.S. EPA, 2022. *Regional Screening Level (RSL) Summary Table (TR=1E-6, HQ=1)*. United States Environmental Protection Agency. May 2022.
(3) U.S. EPA, 2000. *Supplemental Guidance to RAGS: Region 4 Bulletins, Human Health Risk Assessment Bulletins,* U.S. Environmental Protection Agency Region 4, May 2000.



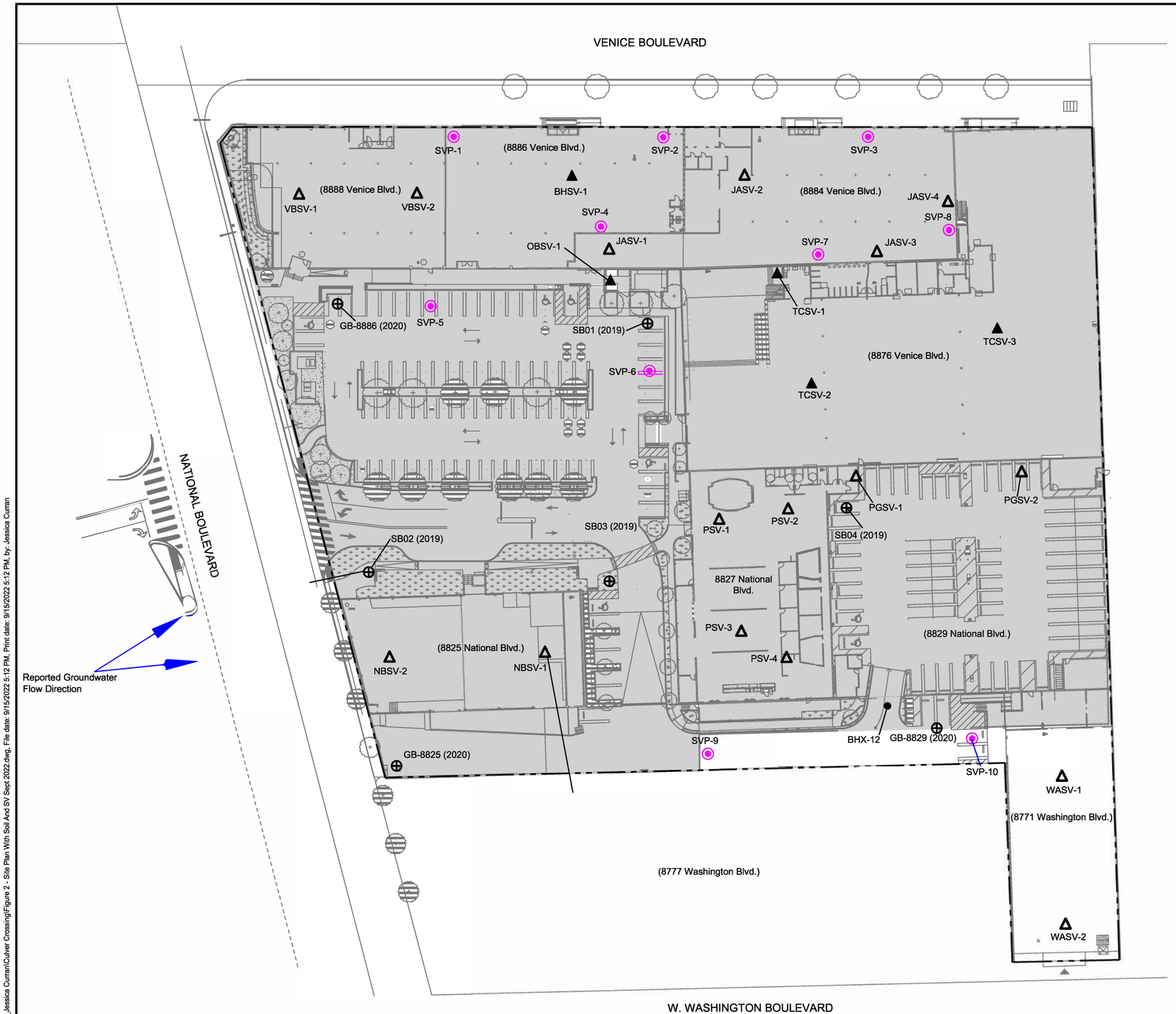
Notes
1. All locations are approximate.
2. Basemap courtesy of Esri.

Site Location

Los Angeles and Culver City, CA
September 2022
EKI C20100.02

Figure 1

Path: X:\C12001\Maps\...21\2021\03\Fig1_SiteLocation.mxd



Legend:

- Site Boundary
- SVP-1 — Multi-Depth Soil Vapor Probe (5 ft, 15 ft, and 25 ft bgs) (EKI, September 2022)
- SB01 — Grab Groundwater Sample Location Ramboll (2019); EKI (2020)
- NBSV-1 — Sub-Slab Soil Vapor Sample Location (EKI, February 2020)
- BHSV-1 — Sub-Slab Soil Vapor Sample Location (EKI, February 2021)
- Planned Subgrade Parking Garage Extent

Notes:

1. All locations are approximate.

0 60 120
(Scale in Feet)

Soil Vapor and Groundwater Sampling Locations

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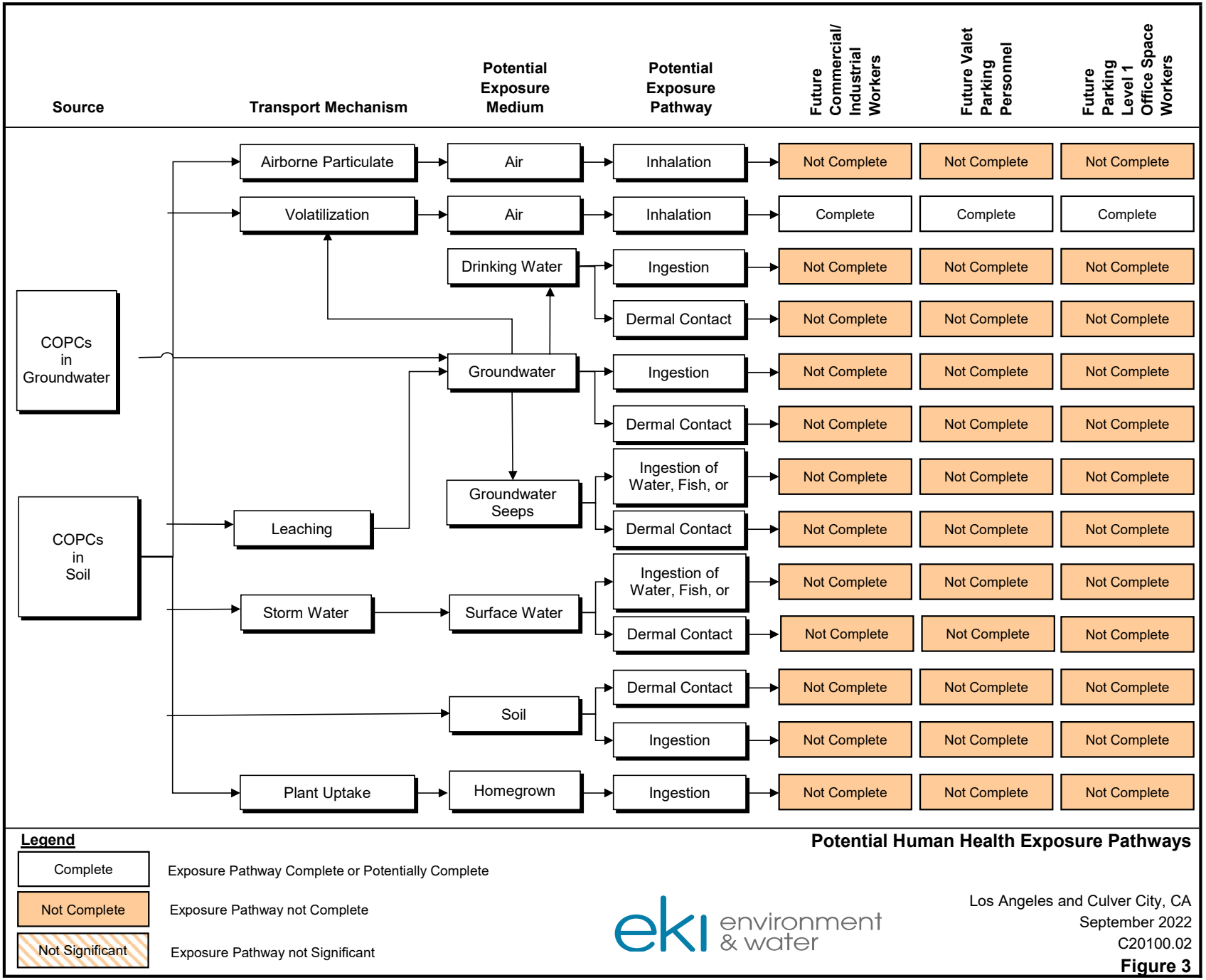
Los Angeles and Culver City, CA
September 2022
EKI C20100.02
Figure 2

G:_Jessica Curran\Culver Crossing\Figure 2 - Site Plan With Soil And SV Sept 2022.dwg, File date: 9/15/2022 5:12 PM, Print date: 9/15/2022 5:12 PM, by: Jessica Curran


Source
Transport Mechanism
Potential Exposure Medium
Potential Exposure Pathway
Future Commercial/ Industrial Workers
Future Valet Parking Personnel
Future Parking Level 1 Office Space Workers
COPCs in Groundwater
COPCs in Soil
Airborne Particulate
Air
Inhalation
Not Complete
Not Complete
Not Complete
Volatilization
Air
Inhalation
Complete
Complete
Complete
Drinking Water
Ingestion
Not Complete
Not Complete
Not Complete
Dermal Contact
Not Complete
Not Complete
Not Complete
Groundwater
Ingestion
Not Complete
Not Complete
Not Complete
Dermal Contact
Not Complete
Not Complete
Not Complete
Groundwater Seeps
Ingestion of Water, Fish, or
Not Complete
Not Complete
Not Complete
Dermal Contact
Not Complete
Not Complete
Not Complete
Leaching
Storm Water
Surface Water
Ingestion of Water, Fish, or
Not Complete
Not Complete
Not Complete
Dermal Contact
Not Complete
Not Complete
Not Complete
Soil
Dermal Contact
Not Complete
Not Complete
Not Complete
Ingestion
Not Complete
Not Complete
Not Complete
Plant Uptake
Homegrown
Ingestion
Not Complete
Not Complete
Not Complete
Legend
Complete
Exposure Pathway Complete or Potentially Complete
Not Complete
Exposure Pathway not Complete
Not Significant
Exposure Pathway not Significant
Potential Human Health Exposure Pathways
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Los Angeles and Culver City, CA
September 2022
C20100.02
Figure 3

Appendix A

2022 Site Investigation Sampling Procedures

1 FIELD ACTIVITIES

The drilling and sampling scope of work included soil and soil vapor sampling and analyses. Field work was performed in accordance with applicable Department of Toxic Substances Control (DTSC) guidance and EKI Environment & Water, Inc. (EKI) Standard Operating Procedures (SOPs).

1.1 Pre-Field Activities

1.1.1 Health and Safety Plan

A site-specific health and safety plan (HASP) for EKI field personnel was prepared to cover the planned field tasks. While conducting field work, field personnel implemented the health and safety procedures presented in the HASP.

1.1.2 Subsurface Utility Clearance

On 26 August 2022, EKI contacted Underground Service Alert (USA) to identify the locations of subsurface utilities near the work area. On 29 August 2022, EKI marked the proposed soil and soil vapor probe (SVP) locations with white paint and Ground Penetrating Radar Systems (GPRS) performed a geophysical survey at each planned borehole location using ground penetrating radar designed to identify subsurface utility lines and other features/obstructions. Borehole locations were adjusted in the field based on the access constraints and subsurface conflicts identified during utility clearance.

1.2 Advancement of Boreholes and Soil Stratigraphic Logging

Between 29 August and 2 September 2022, ten (10) boreholes were advanced at the Site for the purposes of installing temporary, multi-depth SVPs (see locations SVP-1 through SVP-10 on Figure A-1).

All boreholes were hand-augered to five feet below floor and pavement surface (bgs) using a 3.5-inch diameter hand auger to determine if underground utilities were present. Following hand augering, a direct push rig was utilized to complete each boring to the desired depth. At least 4 soil samples were collected from each boring. Soil was logged continuously from floor or ground surface to approximately five feet bgs during hand augering and continuously from acetate liner sleeves during direct push. Soil was logged in general accordance with the Unified Soil Classification System (USCS) by or under the direct supervision of a California-licensed Professional Geologist or a Professional Engineer who is experienced with soil logging by the USCS. Soil color was described with reference to the Munsell color charts.

1.3 Soil Sampling for Chemical Analyses

Soil samples were collected from the 10 borehole locations at approximately 1, 5, 15, and 25 feet bgs. Soil samples were collected using Terra Core samplers and analyzed for VOCs by U.S. EPA Method 8260B (5035). All soil samples were preserved on ice and delivered to Enthalpy Analytical Laboratory in Orange, California, a State-certified environmental testing laboratory, under appropriate chain of custody for chemical analyses.

1.4 Soil Sampling for Physical Properties Analyses

To inform on the human health risk assessment, soil samples were collected for physical properties from three borehole locations (SVP-1, SVP-2, and SVP-9) at 5, 15 and/or 25 feet bgs. Soil samples were analyzed for soil moisture content by ASTM D2216, total organic carbon by U.S. EPA Method 9060A, grain size distribution by ASTM D422 (sieve and hydrometer), porosity by API RP 40, and bulk density by ASTM D2937. Total organic carbon sample jars were preserved on ice and sent under appropriate chain of

custody to McCampbell Analytical, Inc. in Pittsburg, California. Remaining soil samples were sent under appropriate chain of custody to Hushmand Associates, Inc. in Irvine California.

1.5 SVP Well Installation

A total of ten temporary SVPs (labeled SVP-1 through SVP-10) were installed at the Site (see SVP locations on Figure A-1). As discussed below, three (3) SVP sampling probes were installed in each borehole at discrete depths.

Information pertaining to each SVP is as follows:

- SVP-2, SVP-5, SVP-6, SVP-7, SVP-8 and SVP-10 were installed with nested probes at 5, 15 and 25 feet bgs using a direct push drill rig equipped with 2.25-inch outer diameter rods to a completion depth of approximately 26 feet bgs.
- SVP-1 and SVP-9 were planned to be installed with nested probes at 5, 15, and 25 feet bgs; however, refusal was encountered in both boreholes and the planned 25-foot probe was installed at 19.5 and 24 feet bgs, respectively.
- Depth to groundwater at the Site is approximately 30 to 35 feet bgs. Grab groundwater samples were proposed to be collected from SVP-3 and SVP-4; however, both boreholes encountered refusal at 28 and 29 feet bgs, respectively; therefore, groundwater samples could not be collected. SVPs were installed in SVP-3 at 5, 15, and 27 feet bgs. SVPs were installed in SVP-4 at 5, 15, and 25 feet bgs.

The SVPs consist of ½-inch diameter and six-inch long stainless-steel wire mesh screens with ¼-inch tubing fittings attached to ¼-inch diameter Teflon® tubing (or equivalent). For each probe depth, the screen and attached tubing was lowered into the borehole through a tremie pipe or secured to a standalone PVC standpipe and lowered and positioned at the appropriate depth to be screened. An approximately 18-inch-thick vertical sand pack was emplaced surrounding the screen at each location, such that the screen was centered within the sand pack. All shallow, intermediate, and deep SVPs[1] were installed with an approximately six-inch-thick layer of granular dry bentonite emplaced stratigraphically above the sand pack and an approximately 3-inch-thick layer of granular dry bentonite below the sand pack. At the deepest SVP, the sand pack extended to the bottom of the boring and an approximately 6-inch-thick layer of granular dry bentonite was emplaced above the sand pack. Hydrated granular bentonite was tremie backfilled into the borings separating each probe interval. See SVP construction details on Figure A-2.

1.6 SVP Sampling

Using a 100- to 200-milliliter per minute (mL/min) flow restrictor, soil vapor samples were collected in pre-evacuated one-liter SUMMA®-passivated stainless-steel canisters. All materials used for sample collection (e.g., manifolds, hose barbs, sample tubing, and fittings) were provided by the analytical laboratory or environmental retail suppliers.

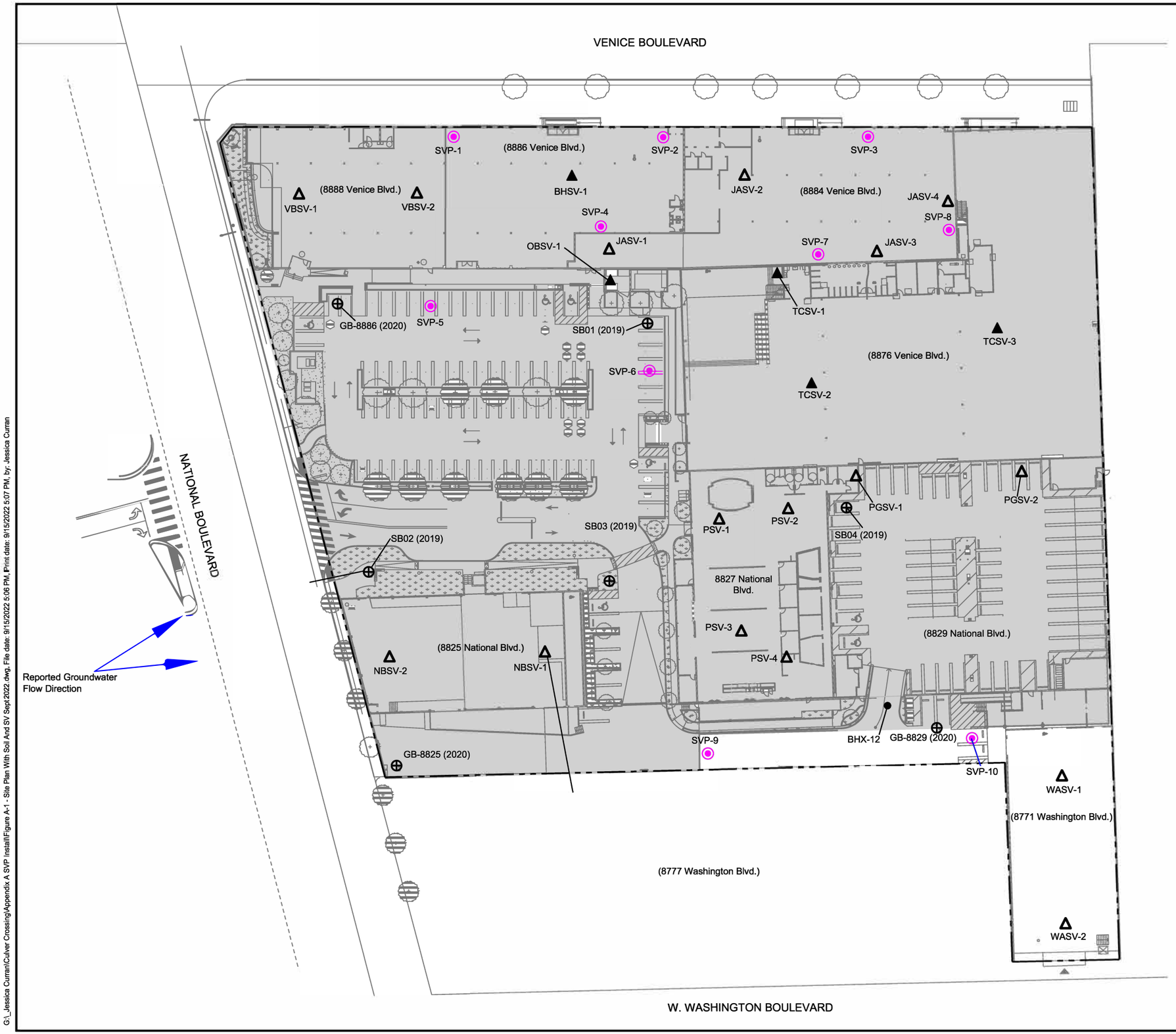
Soil vapor samples were collected in general accordance with the 2015 DTSC Advisory – Soil Gas Investigations. A shut-in test was performed before collecting each soil vapor sample. A shroud was placed over the sampling train, and 1,1-difluoroethane (1,1-DFA) was administered into the shroud. Three shroud samples were collected, and two field duplicate samples were collected during the sampling event. Soil vapor purge logs are provided in Attachment A-1 to this Appendix.

[1] Shallow SVPs are those installed shallowest relative to the ground surface. Intermediate SVPs are those installed at intermediate depths between the shallowest and deepest SVP.

Once collected, the soil vapor-filled canisters were submitted under appropriate chain of custody to Enthalpy Analytical and analyzed for VOCs by U.S. EPA Method TO-15. In addition, each soil vapor sample and shroud air sample was analyzed for the leak check compound 1,1-DFA by U.S. EPA Method TO-15. Two locations (SVP-9 and SVP-10) at 5, 15 and 25 feet bgs were analyzed for fixed gases by ASTM D1945.

1.7 Investigation Derived Wastes

Investigation derived waste (IDW) such as soil cuttings, decontamination water, and purge water was contained in DOT-approved 55-gallon drums. The IDW containers were labeled with respect to their contents, date generated, Site address, and generator information. The IDW containers were temporarily stored in a secure location on-Site. The waste was characterized using analytical data from the investigation and IDW containers were disposed in accordance with applicable laws and regulations.



Legend:

- Site Boundary
- SVP-1 — Multi-Depth Soil Vapor Probe (5 ft, 15 ft, and 25 ft bgs) (EKI, September 2022)
- SB01 — Grab Groundwater Sample Location Ramboll (2019); EKI (2020)
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- BHSV-1 — Sub-Slab Soil Vapor Sample Location (EKI, February 2021)
- Planned Subgrade Parking Garage Extent

Notes:

1. All locations are approximate.

0 60 120
(Scale in Feet)

Soil Vapor and Groundwater Sampling Locations

Los Angeles and Culver City, CA

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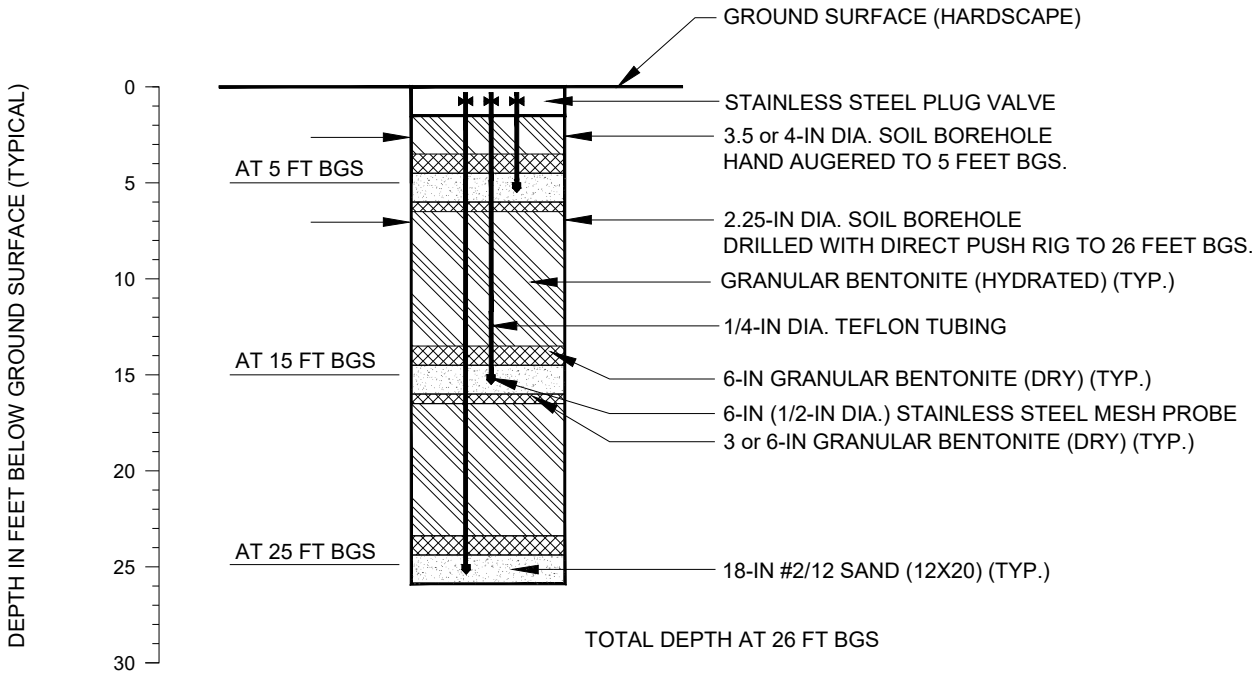
Figure A-1

G:_Jessica Curran\Culver Crossing\Appendix A SVP Install\Figure A-1 - Site Plan With Soil And SV Sept2022.dwg, File date: 9/15/2022 5:06 PM, Print date: 9/15/2022 5:07 PM, by: Jessica Curran



NOTES:

1. Scale is approximate.
2. Ten SVP locations were planned to be installed according to the above well construction diagram with probes set at five, 15 and 25 feet bgs. All SVP were installed according to plan except SVP-1, SVP-3 and SVP-9. Probe depths for these three locations were as follows:

   SVP-1: Probes set at 5, 15 and 19.5 feet bgs
   SVP-3: Probes set at 5, 15, and 27 feet bgs
   SVP-9: Probes set at 5.5, 15.5, and 24 feet bgs

3. 6-inch granular bentonite (dry) was used below the five and 15 foot probes in boreholes SVP-5, SVP-6, SVP-9 and SVP-10. 3-inch granular bentonite (dry) was used below the five and 15 foot probes in all other SVP boreholes.

ABBREVIATIONS:

DIA.	= diameter
FT BGS	= feet below ground surface
IN.	= inch
TYP.	= typical

Construction Diagram for Temporary Well with Three Nested Soil Vapor Probes

Los Angeles and Culver City, CA
September 2022
EKI C20100.01

Figure A-2

Attachment A-1

Soil Vapor Probe Purge Logs

Sample Collection Log - Sub-Slab Gas or Soil Gas Probes

Project Location: 8888 Venice Blvd., Culver City, California

Date: _____

Samples Collected By: Arhon Chua

Weather / Barometer: Sunny, 92 deg F

Sub-Slab or Soil Gas Probe Location ID	Summa Canister Serial No.	Regulator Serial No.	Pre-Purge Insitu vacuum or pressure (in-WC)	Shut-in Test (a)				Shut-in test OK? (Y/N)	Volume Purged (L/min)	Purge Time (min)	Weighted shroud and leak compound used? (c) (Y/N)	Sample Collection Time		Sample Summa Vacuum		Gauge Bias	Back Pressure Readings
				Start Time	Start Vacuum	End Time	End Vacuum					Start	Stop	Stop	Stop (0>x<=5)	X=X	in-WC
SVP-5-5	**C11134**	A10051	—	8:10	20	8:12	20	Y	200	20	Y	8:15	8:22	30	5		
SVP-5-15	**C10876**	A10047	—	8:46	16	8:48	16	Y	200	20	Y	8:50	8:58	30	5		
SVP-25	**C10621**	A10533	—	8:30	19	8:32	19	Y	200	10	Y	8:34	8:42	30	5		
SVP-6-5	**C10790**	A10375	—	9:15	16	9:17	16	Y	200	20	Y	9:25	9:34	30	2		
SVP-6-15	**C11070**	A10222	—	9:18	16	9:20	16	Y	200	10	Y	9:25	9:34	30	3		
SVP-6-25	**C10764**	A10258	—	9:21	16	9:24	16	Y	200	10	Y	9:25	9:34	30	5		
SVP-6-SHROUD	**C10600**	A10361	—	—	—	—	—	—	—	—	Y	9:25	9:34	20	O		
SVP-6-5-DUP	**C11051**	A10375	—	9:40	30	9:42	30	Y	200	20	Y	9:44	9:49	30	4		
SVP-10-5	**C10963**	A10233	—	10:15	14	10:17	14	Y	200	22	Y	10:26	10:35	30	5		
SVP-10-15	**C10953**	A10101	—	10:18	14	10:20	14	Y	200	11	Y	10:26	10:35	30	4		
SVP-10-25	**C10744**	A10011	—	10:21	14	10:23	14	Y	200	14	Y	10:26	10:35	27	3		

Sub-Slab or Soil Gas Probe Location ID	Summa Canister Serial No.	Regulator Serial No.	Pre-Purge	Shut-in Test (a)				Shut-in test OK?	Volume Purged (L/min)	Purge Time (min)	Weighted shroud and leak compound used? (c) (Y/N)	Sample Collection Time		Sample Summa Vacuum		Gauge Bias	Back Pressure Readings
			Insitu vacuum or pressure	Start Time	Start Vacuum	End Time	End Vacuum					Start	Stop	Stop	Stop (0>x<=5)		
			(in-WC)					(Y/N)								X=X	in-WC
SVP-4-5	**C10956**	A10071	—	11:30	14	11:32	14	Y	200	24	Y	11:40	11:50	30	5		
SVP-4-12	**C10983**	A10205	—	11:33	14	11:35	14	Y	200	11	Y	11:40	11:50	30	5		
SVP-4-25	**C10975**	A10552	—	11:37	14	11:39	14	Y	200	12	Y	11:40	11:50	30	5		
SVP-4-SHROUD	**C11009**	A10276	—	–	—	–	—	—	—	—	Y	11:40	11:50	30	O		
SVP-3-5	**C10941**	A10427	—	12:40	14	12:42	14	Y	200	20	Y	11:53	13:08	30	5		
SVP-3-5-DUP	**C10530**	A10427	—	12:42	14	12:44	14	Y	200	20	Y	11:53	13:08	30	5		
SVP-3-15	**C11071**	A10555	—	12:46	14	12:48	14	Y	200	12	Y	11:53	13:00	30	5		
SVP-3-25	**C10612**	A10537	—	12:50	14	12:52	14	Y	200	12	Y	11:53	13:00	30	5		

General Notes:

(a) Minimum shut-in test duration is 2 minutes. Perform a shut-in test each time a summa canister is attached to the sampling assembly (e.g., after purging is completed and when swapping a purge canister with a sample canister).
(b) 3 Purge Volumes are calculated as follows, 1 purge volume is equal to the tubing & screen volume, and void space of sand pack & dry bentonite.
(c) Leak compound used is 1,1-DFA, provided by the analytical laboratory.
(d) Post-Sampling Field Readings are collected as directed in the site-specific work plan.

Sample Collection Log - Sub-Slab Gas or Soil Gas Probes

eki environment & water

Project Location: 8888 Venice Ave, Culver City CA

Date: _____

Samples Collected By: Christian Concha

Weather / Barometer:

Sub-Slab or Soil Gas Probe Location ID	Summa Canister Serial No.	Regulator Serial No.	Pre-Purge	Shut-in Test (a)				Shut-in test OK?	Volume Purged (L/min)	Purge Time (min)	Weighted shroud and leak compound used? (c)	Sample Collection Time		Sample Summa Vacuum		Gauge Bias	Back Pressure Readings
			Insitu vacuum or pressure	Start Time	Start Vacuum	End Time	End Vacuum					Start	Stop	Start	Stop		
			(in-Hg)					(Y/N)			(Y/N)				(0>x<=5)	X=X	in-Hg
SVP-9-5.5	**C11063**	A10320	0.001	8:59	-29	9:01	-29	Y	2.9	14	Y	9:07	9:16	-29	-2	N/A	0
SVP-9-15.5	**C11161**	A10045	0	9:32	-28	9:34	-28	Y	2.045	9	Y	9:38	9:46	-28	-2	N/A	0.5
SVP-9-24	**C10839**	A10346	0.008	9:53	-29	9:55	-29	Y	1.9	38	Y	9:56	10:05	-29	-4	N/A	3
SVP-9-SHROUD	**C11097**	A10214	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	9:07	9:16	-30	-2	N/A	N/A
SVP-1-5	**C11110**	A10245	0	11:28	-30	11:30	-30	Y	2.9	14	Y	11:31	11:39	-30	-5	N/A	0
SVP-1-19.5	**C11055**	A10018	0	11:46	-29	11:48	-29	Y	2.109	10	Y	11:57	12:05	-29	-4	N/A	0
SVP-9-15	**C11050**	A10136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N	11:26	11:54	-28	-10	N/A	10
SVP-3-5									4.484	22							
									4.337	21							
									2.645	13							

General Notes:

(a) Minimum shut-in test duration is 2 minutes. Perform a shut-in test each time a summa canister is attached to the sampling assembly (e.g., after purging is completed and when swapping a purge canister with a sample canister).
(b) 3 Purge Volumes are calculated as follows, 1 purge volume is equal to the tubing & screen volume, and void space of sand pack & dry bentonite.
(c) Leak compound used is 1,1-DFA, provided by the analytical laboratory.
(d) Post-Sampling Field Readings are collected as directed in the site-specific work plan.

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eki environment & water

Project Location: 8888 Venice Ave, Culver City CA

Date: _____

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Weather / Barometer:

Sub-Slab or Soil Gas Probe Location ID	Summa Canister Serial No.	Regulator Serial No.	Pre-Purge	Shut-in Test (a)				Shut-in test OK?	Volume Purged (L/min)	Purge Time (min)	Weighted shroud and leak compound used? (c)	Sample Collection Time		Sample Summa Vacuum		Gauge Bias	Back Pressure Readings
			Insitu vacuum or pressure	Start Time	Start Vacuum	End Time	End Vacuum					Start	Stop	Start	Stop		
			(in-Hg)					(Y/N)			(Y/N)				(0>x<=5)	X=X	in-Hg
SVP-7-5	**C10862**	A10437	0	9:43	-28	9:45	-28	Y	4.982	25	Y	10:02	10:11	-30	-4	0	0
SVP-7-15	**C10878**	A10153	0	9:46	-28	9:48	-28	Y	2.2	11	Y	10:02	10:11	-30	-4	0	0
SVP-7-25	**C10802**	A10290	0	9:49	-28	9:51	-28	Y	2.64	13	Y	10:02	10:10	-28	-4	0	0
SVP-8-5	**C11026**	A10113	0	10:45	-30	10:47	-30	Y	4.674	23	Y	11:07	11:16	-30	-5	0	0
SVP-8-15	**C11019**	A10010	0	10:48	-28	10:50	-28	Y	2.788	14	Y	11:07	11:15	-28	-4	0	0
SVP-8-25	**C10745**	A10329	0	10:51	-28	10:53	-28	Y	3.297	16	Y	11:07	11:16	-30	-3	0	0

General Notes:

(a) Minimum shut-in test duration is 2 minutes. Perform a shut-in test each time a summa canister is attached to the sampling assembly (e.g., after purging is completed and when swapping a purge canister with a sample canister).

(b) 3 Purge Volumes are calculated as follows, 1 purge volume is equal to the tubing & screen volume, and void space of sand pack & dry bentonite.

(c) Leak compound used is 1,1-DFA, provided by the analytical laboratory.

(d) Post-Sampling Field Readings are collected as directed in the site-specific work plan.

Appendix B

2022 Site Investigation Laboratory Analytical Reports

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

enthalpy.com

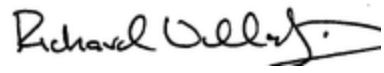
Lab Job Number: 468405
Report Level: II
Report Date: 09/12/2022

Analytical Report *prepared for:*

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Chris Ingalls EKI Environment & Water, Inc. 2355 Main Street Suite 210 Irvine, CA 92614		Lab Job #: Project No: Location: Date Received:	468405 CULVER CROSSING C20100.01 09/01/22

Sample ID	Lab ID	Collected	Matrix
SVP-9-5.5	468405-001	09/01/22 09:16	Air
SVP-9-15.5	468405-002	09/01/22 09:46	Air
SVP-9-24	468405-003	09/01/22 10:05	Air
SVP-9-SHROUD	468405-004	09/01/22 09:16	Air
SVP-1-5	468405-005	09/01/22 11:39	Air
SVP-1-19.5	468405-006	09/01/22 12:05	Air
SVP-1-15	468405-007	09/01/22 11:54	Air
SVP-2-5	468405-008	09/01/22 12:10	Air
SVP-2-15	468405-009	09/01/22 11:51	Air
SVP-2-25	468405-010	09/01/22 11:33	Air

ENTHALPY ANALYTICAL

Case Narrative

EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614
Chris Ingalls

Lab Job Number: 468405
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/01/22

This data package contains sample and QC results for ten air samples, requested for the above referenced project on 09/01/22. The samples were received intact.

Fixed Gases and Low Level Hydrocarbons (ASTM D1945M):
No analytical problems were encountered.

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

- High ICAL percent RSD (relative standard deviation) was observed for 2-hexanone in the calibration analyzed 08/11/22 14:22; affected data was qualified with "b".
- High response was observed for bromoform in the ICV analyzed 07/27/22 11:45; affected data was qualified with "b".
- SVP-9-5.5 (lab # 468405-001), SVP-1-5 (lab # 468405-005), and SVP-1-15 (lab # 468405-007) were diluted due to high hydrocarbons.
- No other analytical problems were encountered.

Richard Villafania

From: Jessica Curran <jcurran@ekiconsult.com> on behalf of Jessica Curran
Sent: Wednesday, September 7, 2022 11:56 AM
To: Richard Villafania
Cc: Chris Ingalls
Subject: [EXTERNAL] Culver Crossing - Additional Analysis Request for 6 Vapor Samples

Hi Richard,

In addition to running VOC by Method TO-15, we would like to request the following samples to also be analyzed for fixed gases ASTM D1945. Will you have enough sample in the summas to run this and what is the standard TAT for this?

SVP-9-5.5
SVP-9-15.5
SVP-9-24
SVP-10-5
SVP-10-15
SVP-10-25

Thank you
Jessica Curran
Geologist

EKI Environment & Water, Inc.
2355 Main Street, Suite 210
Irvine, California 92614
D: (650) 376-4891| C: (949) 874-6554
jcurran@ekiconsult.com | www.ekiconsult.com

4684105

EKI Environment & Water, Inc. **CHAIN OF CUSTODY RECORD** PAGE 1 OF 1

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing	**Project No.:** C20100.01
Location: 8876 Venice Blvd. Culver City, CA.	**Sampled By:** Julia Hernandez & Christian Concha
Reporting: Electronic Format: EDD Hard Copy Format: PDF EPA Data Report Level: Please report results to the following people: (1) Data Archive: labs@ekiconsult.com (2) jcurran@ekiconsult.com (3) phoffey@ekiconsult.com (4) cingalls@ekiconsult.com	**Laboratory:** Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868 (714) 771 - 6900

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220901 - 1

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	Method No.	EPA TO-15	EPA TO-15	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Remarks
						Analyte / Group	VOCs & ~~FFA~~ DFA	1,1-DFA-Only				
SVP-9-5.5		9/1/22	0906	SG	1L Summa		X	X			5 day TAT	C11063/A10320
SVP-9-15.5		↓	0946	↓	↓		X	X			↓	C11161/A10045
SVP-9-24			1085				X	X				C10839/A10346
SVP-9-SHROUD			0916					X				C11097/A10214
SVP-1-5			1139				X	X				C11110/A10245
SVP-1-19.5			1205				X	X				C11055/A10018
SVP-1-15			1154				X	X				C11050/A10136
SVP-2-5			1210				X	X				C11143/A10045
SVP-2-15			1151				X	X				C10897/A10228
SVP-2-25		↓	1133	↓	↓		X	X			↓	C11049/A10287

Special Instructions:

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
EKI	9/1/22 14:06	EA
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI Project: Culver Crossing

Date Received: 9/1/22 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): amb

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

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: _____ Date: 9/1/22

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 468405

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468405
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/01/22

Sample ID: SVP-9-5.5 **Lab ID: 468405-001** **Collected: 09/01/22 09:16**
Matrix: Air

468405-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.20	2	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**0.52**		%v/v	0.20	2	296534	09/08/22	09/08/22	MPD
Nitrogen	**91**		%v/v	0.20	2	296534	09/08/22	09/08/22	MPD
Methane	ND		%v/v	0.20	2	296534	09/08/22	09/08/22	MPD
Oxygen/Argon	**8.7**		%v/v	0.20	2	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1-Difluoroethane	ND		ug/m3	81	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Naphthalene	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Naphthalene	ND		ug/m3	160	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 12	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 12	ND		ug/m3	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 114	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 114	ND		ug/m3	42	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloromethane	ND		ug/m3	12	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Vinyl Chloride	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Vinyl Chloride	ND		ug/m3	15	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromomethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromomethane	ND		ug/m3	23	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloroethane	ND		ug/m3	16	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Trichlorofluoromethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Trichlorofluoromethane	ND		ug/m3	34	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 113	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Freon 113	ND		ug/m3	46	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Acetone	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Acetone	ND		ug/m3	71	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Carbon Disulfide	**17**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Carbon Disulfide	**53**		ug/m3	19	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Isopropanol (IPA)	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC

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

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Analysis Results for 468405

468405-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Isopropanol (IPA)	ND		ug/m3	74	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Methylene Chloride	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Methylene Chloride	ND		ug/m3	21	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
MTBE	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
MTBE	ND		ug/m3	22	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
n-Hexane	**42**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
n-Hexane	**150**		ug/m3	21	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Vinyl Acetate	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Vinyl Acetate	ND		ug/m3	110	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
2-Butanone	ND		ppbv	30	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
2-Butanone	ND		ug/m3	88	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloroform	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chloroform	ND		ug/m3	29	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,1-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Carbon Tetrachloride	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Carbon Tetrachloride	ND		ug/m3	38	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Benzene	**26**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Benzene	**83**		ug/m3	19	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Trichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Trichloroethene	ND		ug/m3	32	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichloropropane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichloropropane	ND		ug/m3	28	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromodichloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromodichloromethane	ND		ug/m3	40	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Toluene	**140**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Toluene	**530**		ug/m3	23	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,2-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Tetrachloroethene	**7.1**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Tetrachloroethene	**48**		ug/m3	41	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
2-Hexanone	ND		ppbv	15	30	296431	09/08/22 00:09	09/08/22 00:09	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
2-Hexanone	ND		ug/m3	61	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Dibromochloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Dibromochloromethane	ND		ug/m3	51	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dibromoethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dibromoethane	ND		ug/m3	46	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Chlorobenzene	ND		ug/m3	28	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Ethylbenzene	**19**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Ethylbenzene	**80**		ug/m3	26	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
m,p-Xylenes	**50**		ppbv	12	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
m,p-Xylenes	**220**		ug/m3	52	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
o-Xylene	**14**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
o-Xylene	**61**		ug/m3	26	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Styrene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Styrene	ND		ug/m3	26	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromoform	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Bromoform	ND		ug/m3	62	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
4-Ethyltoluene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
4-Ethyltoluene	ND		ug/m3	29	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,3,5-Trimethylbenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,3,5-Trimethylbenzene	ND		ug/m3	29	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2,4-Trimethylbenzene	**6.8**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2,4-Trimethylbenzene	**33**		ug/m3	29	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,3-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,4-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Benzyl chloride	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Benzyl chloride	ND		ug/m3	31	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Hexachlorobutadiene	ND		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Hexachlorobutadiene	ND		ug/m3	64	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Xylene (total)	**64**		ppbv	6.0	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Xylene (total)	**280**		ug/m3	26	30	296431	09/08/22 00:09	09/08/22 00:09	MBC
Surrogates				**Limits**					
Bromofluorobenzene	89%		%REC	60-140	30	296431	09/08/22 00:09	09/08/22 00:09	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-9-15.5	Lab ID: 468405-002	Collected: 09/01/22 09:46
	Matrix: Air	

468405-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.15	1.5	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**0.82**		%v/v	0.15	1.5	296534	09/08/22	09/08/22	MPD
Nitrogen	**91**		%v/v	0.15	1.5	296534	09/08/22	09/08/22	MPD
Methane	ND		%v/v	0.15	1.5	296534	09/08/22	09/08/22	MPD
Oxygen/Argon	**8.0**		%v/v	0.15	1.5	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**890**		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1-Difluoroethane	**2,400**		ug/m3	81	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Naphthalene	ND		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Naphthalene	ND		ug/m3	160	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 12	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 12	ND		ug/m3	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 114	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 114	ND		ug/m3	42	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloromethane	ND		ug/m3	12	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Vinyl Chloride	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Vinyl Chloride	ND		ug/m3	15	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromomethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromomethane	ND		ug/m3	23	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloroethane	ND		ug/m3	16	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Trichlorofluoromethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Trichlorofluoromethane	ND		ug/m3	34	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 113	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Freon 113	ND		ug/m3	46	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Acetone	ND		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Acetone	ND		ug/m3	71	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Carbon Disulfide	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Carbon Disulfide	ND		ug/m3	19	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Isopropanol (IPA)	ND		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Isopropanol (IPA)	ND		ug/m3	74	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Methylene Chloride	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Methylene Chloride	ND		ug/m3	21	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
MTBE	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/m3	22	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
n-Hexane	**15**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
n-Hexane	**52**		ug/m3	21	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Vinyl Acetate	ND		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Vinyl Acetate	ND		ug/m3	110	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
2-Butanone	ND		ppbv	30	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
2-Butanone	ND		ug/m3	88	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloroform	**9.4**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chloroform	**46**		ug/m3	29	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,1-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Carbon Tetrachloride	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Carbon Tetrachloride	ND		ug/m3	38	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Benzene	**6.2**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Benzene	**20**		ug/m3	19	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Trichloroethene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Trichloroethene	ND		ug/m3	32	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichloropropane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichloropropane	ND		ug/m3	28	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromodichloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromodichloromethane	ND		ug/m3	40	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Toluene	**51**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Toluene	**190**		ug/m3	23	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,2-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Tetrachloroethene	**33**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Tetrachloroethene	**220**		ug/m3	41	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
2-Hexanone	ND		ppbv	15	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
2-Hexanone	ND		ug/m3	61	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Dibromochloromethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Dibromochloromethane	ND		ug/m3	51	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dibromoethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dibromoethane	ND		ug/m3	46	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Chlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/m3	28	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Ethylbenzene	**12**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Ethylbenzene	**53**		ug/m3	26	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
m,p-Xylenes	**26**		ppbv	12	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
m,p-Xylenes	**110**		ug/m3	52	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
o-Xylene	**10**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
o-Xylene	**45**		ug/m3	26	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Styrene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Styrene	ND		ug/m3	26	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromoform	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Bromoform	ND		ug/m3	62	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
4-Ethyltoluene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
4-Ethyltoluene	ND		ug/m3	29	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,3,5-Trimethylbenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,3,5-Trimethylbenzene	ND		ug/m3	29	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2,4-Trimethylbenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2,4-Trimethylbenzene	ND		ug/m3	29	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,3-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,4-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Benzyl chloride	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Benzyl chloride	ND		ug/m3	31	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Hexachlorobutadiene	ND		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Hexachlorobutadiene	ND		ug/m3	64	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Xylene (total)	**36**		ppbv	6.0	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Xylene (total)	**160**		ug/m3	26	30	296431	09/08/22 00:52	09/08/22 00:52	MBC
Surrogates				**Limits**					
Bromofluorobenzene	101%		%REC	60-140	30	296431	09/08/22 00:52	09/08/22 00:52	MBC

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

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Analysis Results for 468405

Sample ID: SVP-9-24	Lab ID: 468405-003	Collected: 09/01/22 10:05
	Matrix: Air	

468405-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**1.5**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Nitrogen	**96**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Methane	ND		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Oxygen/Argon	**2.8**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**17**		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1-Difluoroethane	**47**		ug/m3	4.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Naphthalene	ND		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Naphthalene	ND		ug/m3	7.9	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 12	**0.73**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 12	**3.6**		ug/m3	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 114	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 114	ND		ug/m3	2.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloromethane	**0.37**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloromethane	**0.76**		ug/m3	0.62	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Vinyl Chloride	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Vinyl Chloride	ND		ug/m3	0.77	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromomethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromomethane	ND		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloroethane	ND		ug/m3	0.79	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Trichlorofluoromethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1-Dichloroethene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 113	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Freon 113	ND		ug/m3	2.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Acetone	**16**		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Acetone	**37**		ug/m3	3.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Carbon Disulfide	**2.3**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Carbon Disulfide	**7.1**		ug/m3	0.93	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Isopropanol (IPA)	ND		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Methylene Chloride	**0.95**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Methylene Chloride	**3.3**		ug/m3	1.0	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
MTBE	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/m3	1.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
n-Hexane	**7.1**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
n-Hexane	**25**		ug/m3	1.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1-Dichloroethane	**6.6**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1-Dichloroethane	**27**		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Vinyl Acetate	ND		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Vinyl Acetate	ND		ug/m3	5.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
2-Butanone	**2.6**		ppbv	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
2-Butanone	**7.7**		ug/m3	4.4	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloroform	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chloroform	ND		ug/m3	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Carbon Tetrachloride	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Benzene	**2.5**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Benzene	**8.1**		ug/m3	0.96	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Trichloroethene	**3.6**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Trichloroethene	**19**		ug/m3	1.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichloropropane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromodichloromethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromodichloromethane	ND		ug/m3	2.0	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
4-Methyl-2-Pentanone	**0.52**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
4-Methyl-2-Pentanone	**2.1**		ug/m3	1.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Toluene	**13**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Toluene	**50**		ug/m3	1.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Tetrachloroethene	**2.4**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Tetrachloroethene	**16**		ug/m3	2.0	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
2-Hexanone	ND		ppbv	0.75	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
2-Hexanone	ND		ug/m3	3.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Dibromochloromethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Dibromochloromethane	ND		ug/m3	2.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dibromoethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Chlorobenzene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/m3	1.4	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Ethylbenzene	**3.6**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Ethylbenzene	**16**		ug/m3	1.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
m,p-Xylenes	**10**		ppbv	0.60	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
m,p-Xylenes	**46**		ug/m3	2.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
o-Xylene	**3.7**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
o-Xylene	**16**		ug/m3	1.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Styrene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Styrene	ND		ug/m3	1.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromoform	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Bromoform	ND		ug/m3	3.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
4-Ethyltoluene	**0.92**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
4-Ethyltoluene	**4.5**		ug/m3	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,3,5-Trimethylbenzene	**1.1**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,3,5-Trimethylbenzene	**5.2**		ug/m3	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2,4-Trimethylbenzene	**0.65**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2,4-Trimethylbenzene	**3.2**		ug/m3	1.5	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Benzyl chloride	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Benzyl chloride	ND		ug/m3	1.6	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Hexachlorobutadiene	ND		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Xylene (total)	**14**		ppbv	0.30	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Xylene (total)	**62**		ug/m3	1.3	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC
Surrogates				**Limits**					
Bromofluorobenzene	98%		%REC	60-140	1.5	296431	09/08/22 01:44	09/08/22 01:44	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-9-SHROUD	Lab ID: 468405-004	Collected: 09/01/22 09:16
	Matrix: Air	

468405-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**1,300,000**		ppbv	150,000	150000	296431	09/08/22 02:28	09/08/22 02:28	MBC
1,1-Difluoroethane	**3,400,000**		ug/m3	410,000	150000	296431	09/08/22 02:28	09/08/22 02:28	MBC
Surrogates				**Limits**					
Bromofluorobenzene	96%		%REC	60-140	150000	296431	09/08/22 02:28	09/08/22 02:28	MBC

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

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Analysis Results for 468405

Sample ID: SVP-1-5	Lab ID: 468405-005	Collected: 09/01/22 11:39
	Matrix: Air	

468405-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1-Difluoroethane	ND		ug/m3	81	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Naphthalene	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Naphthalene	ND		ug/m3	160	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 12	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 12	ND		ug/m3	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 114	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 114	ND		ug/m3	42	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloromethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloromethane	ND		ug/m3	12	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Vinyl Chloride	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Vinyl Chloride	ND		ug/m3	15	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromomethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromomethane	ND		ug/m3	23	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloroethane	ND		ug/m3	16	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Trichlorofluoromethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Trichlorofluoromethane	ND		ug/m3	34	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 113	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Freon 113	ND		ug/m3	46	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Acetone	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Acetone	ND		ug/m3	71	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Carbon Disulfide	**26**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Carbon Disulfide	**81**		ug/m3	19	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Isopropanol (IPA)	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Isopropanol (IPA)	ND		ug/m3	74	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Methylene Chloride	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Methylene Chloride	ND		ug/m3	21	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
MTBE	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
MTBE	ND		ug/m3	22	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
n-Hexane	**13**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
n-Hexane	**45**		ug/m3	21	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Vinyl Acetate	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Vinyl Acetate	ND		ug/m3	110	30	296431	09/08/22 03:11	09/08/22 03:11	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
2-Butanone	ND		ppbv	30	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
2-Butanone	ND		ug/m3	88	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloroform	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chloroform	ND		ug/m3	29	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,1-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Carbon Tetrachloride	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Carbon Tetrachloride	ND		ug/m3	38	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Benzene	**29**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Benzene	**93**		ug/m3	19	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Trichloroethene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Trichloroethene	ND		ug/m3	32	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichloropropane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichloropropane	ND		ug/m3	28	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromodichloromethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromodichloromethane	ND		ug/m3	40	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Toluene	**300**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Toluene	**1,100**		ug/m3	23	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,2-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Tetrachloroethene	**430**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Tetrachloroethene	**2,900**		ug/m3	41	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
2-Hexanone	ND		ppbv	15	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
2-Hexanone	ND		ug/m3	61	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Dibromochloromethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Dibromochloromethane	ND		ug/m3	51	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dibromoethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dibromoethane	ND		ug/m3	46	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Chlorobenzene	ND		ug/m3	28	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Ethylbenzene	**51**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Ethylbenzene	**220**		ug/m3	26	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
m,p-Xylenes	**140**		ppbv	12	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
m,p-Xylenes	**620**		ug/m3	52	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
o-Xylene	**42**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
o-Xylene	**180**		ug/m3	26	30	296431	09/08/22 03:11	09/08/22 03:11	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Styrene	ND		ug/m3	26	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromoform	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Bromoform	ND		ug/m3	62	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
4-Ethyltoluene	**12**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
4-Ethyltoluene	**57**		ug/m3	29	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,3,5-Trimethylbenzene	**11**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,3,5-Trimethylbenzene	**55**		ug/m3	29	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2,4-Trimethylbenzene	**19**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2,4-Trimethylbenzene	**96**		ug/m3	29	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,3-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,4-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Benzyl chloride	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Benzyl chloride	ND		ug/m3	31	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Hexachlorobutadiene	ND		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Hexachlorobutadiene	ND		ug/m3	64	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Xylene (total)	**190**		ppbv	6.0	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Xylene (total)	**810**		ug/m3	26	30	296431	09/08/22 03:11	09/08/22 03:11	MBC
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	30	296431	09/08/22 03:11	09/08/22 03:11	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-1-19.5	Lab ID: 468405-006	Collected: 09/01/22 12:05
	Matrix: Air	

468405-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**560**		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1-Difluoroethane	**1,500**		ug/m3	51	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Naphthalene	ND		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Naphthalene	ND		ug/m3	98	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 12	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 12	ND		ug/m3	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 114	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 114	ND		ug/m3	26	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloromethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloromethane	ND		ug/m3	7.7	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Vinyl Chloride	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Vinyl Chloride	ND		ug/m3	9.6	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromomethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromomethane	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloroethane	ND		ug/m3	9.9	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Trichlorofluoromethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Trichlorofluoromethane	ND		ug/m3	21	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1-Dichloroethene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1-Dichloroethene	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 113	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Freon 113	ND		ug/m3	29	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Acetone	**26**		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Acetone	**62**		ug/m3	45	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Carbon Disulfide	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Carbon Disulfide	ND		ug/m3	12	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Isopropanol (IPA)	ND		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Isopropanol (IPA)	ND		ug/m3	46	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Methylene Chloride	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Methylene Chloride	ND		ug/m3	13	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
trans-1,2-Dichloroethene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
trans-1,2-Dichloroethene	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
MTBE	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
MTBE	ND		ug/m3	14	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
n-Hexane	**4.9**		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
n-Hexane	**17**		ug/m3	13	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1-Dichloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1-Dichloroethane	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Vinyl Acetate	ND		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Vinyl Acetate	ND		ug/m3	66	19	296431	09/08/22 03:54	09/08/22 03:54	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
cis-1,2-Dichloroethene	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
2-Butanone	ND		ppbv	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
2-Butanone	ND		ug/m3	55	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloroform	**6.0**		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chloroform	**29**		ug/m3	18	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,1-Trichloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,1-Trichloroethane	ND		ug/m3	20	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Carbon Tetrachloride	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Carbon Tetrachloride	ND		ug/m3	24	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Benzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Benzene	ND		ug/m3	12	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichloroethane	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Trichloroethene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Trichloroethene	ND		ug/m3	20	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichloropropane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichloropropane	ND		ug/m3	17	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromodichloromethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromodichloromethane	ND		ug/m3	25	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
cis-1,3-Dichloropropene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
cis-1,3-Dichloropropene	ND		ug/m3	17	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
4-Methyl-2-Pentanone	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
4-Methyl-2-Pentanone	ND		ug/m3	15	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Toluene	**7.3**		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Toluene	**28**		ug/m3	14	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
trans-1,3-Dichloropropene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
trans-1,3-Dichloropropene	ND		ug/m3	17	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,2-Trichloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,2-Trichloroethane	ND		ug/m3	20	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Tetrachloroethene	**14**		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Tetrachloroethene	**95**		ug/m3	25	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
2-Hexanone	ND		ppbv	9.4	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
2-Hexanone	ND		ug/m3	38	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Dibromochloromethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Dibromochloromethane	ND		ug/m3	32	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dibromoethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dibromoethane	ND		ug/m3	29	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chlorobenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Chlorobenzene	ND		ug/m3	17	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Ethylbenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Ethylbenzene	ND		ug/m3	16	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
m,p-Xylenes	ND		ppbv	7.5	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
m,p-Xylenes	ND		ug/m3	33	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
o-Xylene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
o-Xylene	ND		ug/m3	16	19	296431	09/08/22 03:54	09/08/22 03:54	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Styrene	ND		ug/m3	16	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromoform	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Bromoform	ND		ug/m3	39	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	26	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	26	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
4-Ethyltoluene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
4-Ethyltoluene	ND		ug/m3	18	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,3,5-Trimethylbenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,3,5-Trimethylbenzene	ND		ug/m3	18	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2,4-Trimethylbenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2,4-Trimethylbenzene	ND		ug/m3	18	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,3-Dichlorobenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,3-Dichlorobenzene	ND		ug/m3	23	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,4-Dichlorobenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,4-Dichlorobenzene	ND		ug/m3	23	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Benzyl chloride	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Benzyl chloride	ND		ug/m3	19	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichlorobenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2-Dichlorobenzene	ND		ug/m3	23	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2,4-Trichlorobenzene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	28	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Hexachlorobutadiene	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Hexachlorobutadiene	ND		ug/m3	40	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Xylene (total)	ND		ppbv	3.8	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Xylene (total)	ND		ug/m3	16	19	296431	09/08/22 03:54	09/08/22 03:54	MBC
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	19	296431	09/08/22 03:54	09/08/22 03:54	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-1-15	Lab ID: 468405-007	Collected: 09/01/22 11:54
	Matrix: Air	

468405-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1-Difluoroethane	ND		ug/m3	27	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Naphthalene	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Naphthalene	ND		ug/m3	52	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 12	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 12	ND		ug/m3	9.9	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 114	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 114	ND		ug/m3	14	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloromethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloromethane	ND		ug/m3	4.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Vinyl Chloride	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Vinyl Chloride	ND		ug/m3	5.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromomethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromomethane	ND		ug/m3	7.8	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloroethane	ND		ug/m3	5.3	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Trichlorofluoromethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Trichlorofluoromethane	ND		ug/m3	11	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1-Dichloroethene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1-Dichloroethene	ND		ug/m3	7.9	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 113	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Freon 113	ND		ug/m3	15	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Acetone	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Acetone	ND		ug/m3	24	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Carbon Disulfide	**89**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Carbon Disulfide	**280**		ug/m3	6.2	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Isopropanol (IPA)	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Isopropanol (IPA)	ND		ug/m3	25	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Methylene Chloride	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Methylene Chloride	ND		ug/m3	6.9	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
trans-1,2-Dichloroethene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
trans-1,2-Dichloroethene	ND		ug/m3	7.9	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
MTBE	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
MTBE	ND		ug/m3	7.2	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
n-Hexane	**140**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
n-Hexane	**500**		ug/m3	7.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1-Dichloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1-Dichloroethane	ND		ug/m3	8.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Vinyl Acetate	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Vinyl Acetate	ND		ug/m3	35	10	296431	09/08/22 04:39	09/08/22 04:39	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
cis-1,2-Dichloroethene	ND		ug/m3	7.9	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
2-Butanone	ND		ppbv	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
2-Butanone	ND		ug/m3	29	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloroform	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chloroform	ND		ug/m3	9.8	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,1-Trichloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,1-Trichloroethane	ND		ug/m3	11	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Carbon Tetrachloride	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Carbon Tetrachloride	ND		ug/m3	13	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Benzene	**32**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Benzene	**100**		ug/m3	6.4	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichloroethane	ND		ug/m3	8.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Trichloroethene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Trichloroethene	ND		ug/m3	11	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichloropropane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichloropropane	ND		ug/m3	9.2	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromodichloromethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromodichloromethane	ND		ug/m3	13	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
cis-1,3-Dichloropropene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
cis-1,3-Dichloropropene	ND		ug/m3	9.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
4-Methyl-2-Pentanone	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
4-Methyl-2-Pentanone	ND		ug/m3	8.2	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Toluene	**130**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Toluene	**480**		ug/m3	7.5	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
trans-1,3-Dichloropropene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
trans-1,3-Dichloropropene	ND		ug/m3	9.1	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,2-Trichloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,2-Trichloroethane	ND		ug/m3	11	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Tetrachloroethene	**5.8**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Tetrachloroethene	**40**		ug/m3	14	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
2-Hexanone	ND		ppbv	5.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
2-Hexanone	ND		ug/m3	20	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Dibromochloromethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Dibromochloromethane	ND		ug/m3	17	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dibromoethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dibromoethane	ND		ug/m3	15	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chlorobenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Chlorobenzene	ND		ug/m3	9.2	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Ethylbenzene	**12**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Ethylbenzene	**51**		ug/m3	8.7	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
m,p-Xylenes	**26**		ppbv	4.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
m,p-Xylenes	**110**		ug/m3	17	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
o-Xylene	**6.7**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
o-Xylene	**29**		ug/m3	8.7	10	296431	09/08/22 04:39	09/08/22 04:39	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Styrene	ND		ug/m3	8.5	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromoform	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Bromoform	ND		ug/m3	21	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	14	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	14	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
4-Ethyltoluene	**3.1**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
4-Ethyltoluene	**15**		ug/m3	9.8	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,3,5-Trimethylbenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,3,5-Trimethylbenzene	ND		ug/m3	9.8	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2,4-Trimethylbenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2,4-Trimethylbenzene	ND		ug/m3	9.8	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,3-Dichlorobenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,3-Dichlorobenzene	ND		ug/m3	12	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,4-Dichlorobenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,4-Dichlorobenzene	ND		ug/m3	12	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Benzyl chloride	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Benzyl chloride	ND		ug/m3	10	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichlorobenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2-Dichlorobenzene	ND		ug/m3	12	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2,4-Trichlorobenzene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	15	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Hexachlorobutadiene	ND		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Hexachlorobutadiene	ND		ug/m3	21	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Xylene (total)	**32**		ppbv	2.0	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Xylene (total)	**140**		ug/m3	8.7	10	296431	09/08/22 04:39	09/08/22 04:39	MBC
Surrogates				**Limits**					
Bromofluorobenzene	85%		%REC	60-140	10	296431	09/08/22 04:39	09/08/22 04:39	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-2-5	Lab ID: 468405-008	Collected: 09/01/22 12:10
	Matrix: Air	

468405-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1-Difluoroethane	ND		ug/m3	81	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Naphthalene	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Naphthalene	ND		ug/m3	160	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 12	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 12	ND		ug/m3	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 114	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 114	ND		ug/m3	42	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloromethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloromethane	ND		ug/m3	12	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Vinyl Chloride	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Vinyl Chloride	ND		ug/m3	15	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromomethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromomethane	ND		ug/m3	23	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloroethane	ND		ug/m3	16	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Trichlorofluoromethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Trichlorofluoromethane	ND		ug/m3	34	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1-Dichloroethene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1-Dichloroethene	ND		ug/m3	24	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 113	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Freon 113	ND		ug/m3	46	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Acetone	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Acetone	ND		ug/m3	71	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Carbon Disulfide	**19**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Carbon Disulfide	**60**		ug/m3	19	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Isopropanol (IPA)	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Isopropanol (IPA)	ND		ug/m3	74	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Methylene Chloride	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Methylene Chloride	ND		ug/m3	21	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
MTBE	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
MTBE	ND		ug/m3	22	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
n-Hexane	**11**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
n-Hexane	**39**		ug/m3	21	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1-Dichloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1-Dichloroethane	ND		ug/m3	24	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Vinyl Acetate	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Vinyl Acetate	ND		ug/m3	110	30	296539	09/08/22 23:04	09/08/22 23:04	GSG

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
2-Butanone	ND		ppbv	30	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
2-Butanone	ND		ug/m3	88	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloroform	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chloroform	ND		ug/m3	29	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,1-Trichloroethane	ND		ug/m3	33	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Carbon Tetrachloride	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Carbon Tetrachloride	ND		ug/m3	38	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Benzene	**35**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Benzene	**110**		ug/m3	19	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichloroethane	ND		ug/m3	24	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Trichloroethene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Trichloroethene	ND		ug/m3	32	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichloropropane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichloropropane	ND		ug/m3	28	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromodichloromethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromodichloromethane	ND		ug/m3	40	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Toluene	**440**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Toluene	**1,700**		ug/m3	23	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,2-Trichloroethane	ND		ug/m3	33	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Tetrachloroethene	**44**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Tetrachloroethene	**300**		ug/m3	41	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
2-Hexanone	ND		ppbv	15	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
2-Hexanone	ND		ug/m3	61	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Dibromochloromethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Dibromochloromethane	ND		ug/m3	51	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dibromoethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dibromoethane	ND		ug/m3	46	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chlorobenzene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Chlorobenzene	ND		ug/m3	28	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Ethylbenzene	**50**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Ethylbenzene	**220**		ug/m3	26	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
m,p-Xylenes	**150**		ppbv	12	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
m,p-Xylenes	**670**		ug/m3	52	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
o-Xylene	**45**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
o-Xylene	**200**		ug/m3	26	30	296539	09/08/22 23:04	09/08/22 23:04	GSG

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Styrene	ND		ug/m3	26	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromoform	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Bromoform	ND		ug/m3	62	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
4-Ethyltoluene	**7.3**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
4-Ethyltoluene	**36**		ug/m3	29	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,3,5-Trimethylbenzene	**12**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,3,5-Trimethylbenzene	**61**		ug/m3	29	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2,4-Trimethylbenzene	**22**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2,4-Trimethylbenzene	**110**		ug/m3	29	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,3-Dichlorobenzene	ND		ug/m3	36	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,4-Dichlorobenzene	ND		ug/m3	36	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Benzyl chloride	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Benzyl chloride	ND		ug/m3	31	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2-Dichlorobenzene	ND		ug/m3	36	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Hexachlorobutadiene	ND		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Hexachlorobutadiene	ND		ug/m3	64	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Xylene (total)	**200**		ppbv	6.0	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Xylene (total)	**870**		ug/m3	26	30	296539	09/08/22 23:04	09/08/22 23:04	GSG
Surrogates				**Limits**					
Bromofluorobenzene	79%		%REC	60-140	30	296539	09/08/22 23:04	09/08/22 23:04	GSG

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-2-15	Lab ID: 468405-009	Collected: 09/01/22 11:51
	Matrix: Air	

468405-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1-Difluoroethane	ND		ug/m3	81	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Naphthalene	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Naphthalene	ND		ug/m3	160	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 12	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 12	ND		ug/m3	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 114	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 114	ND		ug/m3	42	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloromethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloromethane	ND		ug/m3	12	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Vinyl Chloride	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Vinyl Chloride	ND		ug/m3	15	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromomethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromomethane	ND		ug/m3	23	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloroethane	ND		ug/m3	16	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Trichlorofluoromethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Trichlorofluoromethane	ND		ug/m3	34	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 113	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Freon 113	ND		ug/m3	46	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Acetone	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Acetone	ND		ug/m3	71	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Carbon Disulfide	**53**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Carbon Disulfide	**160**		ug/m3	19	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Isopropanol (IPA)	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Isopropanol (IPA)	ND		ug/m3	74	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Methylene Chloride	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Methylene Chloride	ND		ug/m3	21	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
MTBE	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
MTBE	ND		ug/m3	22	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
n-Hexane	**38**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
n-Hexane	**130**		ug/m3	21	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Vinyl Acetate	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Vinyl Acetate	ND		ug/m3	110	30	296431	09/08/22 06:05	09/08/22 06:05	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
2-Butanone	ND		ppbv	30	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
2-Butanone	ND		ug/m3	88	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloroform	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chloroform	ND		ug/m3	29	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,1-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Carbon Tetrachloride	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Carbon Tetrachloride	ND		ug/m3	38	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Benzene	**73**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Benzene	**230**		ug/m3	19	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichloroethane	ND		ug/m3	24	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Trichloroethene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Trichloroethene	ND		ug/m3	32	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichloropropane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichloropropane	ND		ug/m3	28	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromodichloromethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromodichloromethane	ND		ug/m3	40	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Toluene	**620**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Toluene	**2,300**		ug/m3	23	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,2-Trichloroethane	ND		ug/m3	33	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Tetrachloroethene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Tetrachloroethene	ND		ug/m3	41	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
2-Hexanone	ND		ppbv	15	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
2-Hexanone	ND		ug/m3	61	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Dibromochloromethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Dibromochloromethane	ND		ug/m3	51	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dibromoethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dibromoethane	ND		ug/m3	46	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Chlorobenzene	ND		ug/m3	28	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Ethylbenzene	**83**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Ethylbenzene	**360**		ug/m3	26	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
m,p-Xylenes	**230**		ppbv	12	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
m,p-Xylenes	**1,000**		ug/m3	52	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
o-Xylene	**66**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
o-Xylene	**280**		ug/m3	26	30	296431	09/08/22 06:05	09/08/22 06:05	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Styrene	ND		ug/m3	26	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromoform	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Bromoform	ND		ug/m3	62	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
4-Ethyltoluene	**22**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
4-Ethyltoluene	**110**		ug/m3	29	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,3,5-Trimethylbenzene	**18**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,3,5-Trimethylbenzene	**88**		ug/m3	29	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2,4-Trimethylbenzene	**29**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2,4-Trimethylbenzene	**140**		ug/m3	29	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,3-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,4-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Benzyl chloride	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Benzyl chloride	ND		ug/m3	31	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2-Dichlorobenzene	ND		ug/m3	36	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Hexachlorobutadiene	ND		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Hexachlorobutadiene	ND		ug/m3	64	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Xylene (total)	**300**		ppbv	6.0	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Xylene (total)	**1,300**		ug/m3	26	30	296431	09/08/22 06:05	09/08/22 06:05	MBC
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	30	296431	09/08/22 06:05	09/08/22 06:05	MBC

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

Sample ID: SVP-2-25	Lab ID: 468405-010	Collected: 09/01/22 11:33
	Matrix: Air	

468405-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**3.4**		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1-Difluoroethane	**9.3**		ug/m3	4.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Naphthalene	ND		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Naphthalene	ND		ug/m3	7.9	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 12	**0.50**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 12	**2.5**		ug/m3	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 114	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 114	ND		ug/m3	2.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloromethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloromethane	ND		ug/m3	0.62	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Vinyl Chloride	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Vinyl Chloride	ND		ug/m3	0.77	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromomethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromomethane	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloroethane	ND		ug/m3	0.79	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Trichlorofluoromethane	**0.63**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Trichlorofluoromethane	**3.5**		ug/m3	1.7	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1-Dichloroethene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 113	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Freon 113	ND		ug/m3	2.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Acetone	**5.9**		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Acetone	**14**		ug/m3	3.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Carbon Disulfide	**1.2**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Carbon Disulfide	**3.8**		ug/m3	0.93	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Isopropanol (IPA)	ND		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Methylene Chloride	**0.89**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Methylene Chloride	**3.1**		ug/m3	1.0	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
MTBE	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
MTBE	ND		ug/m3	1.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
n-Hexane	**0.77**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
n-Hexane	**2.7**		ug/m3	1.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1-Dichloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Vinyl Acetate	ND		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Vinyl Acetate	ND		ug/m3	5.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
2-Butanone	ND		ppbv	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
2-Butanone	ND		ug/m3	4.4	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloroform	**3.2**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chloroform	**16**		ug/m3	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Carbon Tetrachloride	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Benzene	**0.68**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Benzene	**2.2**		ug/m3	0.96	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Trichloroethene	**1.3**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Trichloroethene	**7.1**		ug/m3	1.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichloropropane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromodichloromethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromodichloromethane	ND		ug/m3	2.0	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
4-Methyl-2-Pentanone	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
4-Methyl-2-Pentanone	ND		ug/m3	1.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Toluene	**4.2**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Toluene	**16**		ug/m3	1.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Tetrachloroethene	**3.0**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Tetrachloroethene	**20**		ug/m3	2.0	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
2-Hexanone	ND		ppbv	0.75	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
2-Hexanone	ND		ug/m3	3.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Dibromochloromethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Dibromochloromethane	ND		ug/m3	2.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dibromoethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chlorobenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Chlorobenzene	ND		ug/m3	1.4	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Ethylbenzene	**0.45**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Ethylbenzene	**1.9**		ug/m3	1.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
m,p-Xylenes	**1.7**		ppbv	0.60	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
m,p-Xylenes	**7.4**		ug/m3	2.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
o-Xylene	**0.50**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
o-Xylene	**2.2**		ug/m3	1.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG

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

ENTHALPY ANALYTICAL

Analysis Results for 468405

468405-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Styrene	ND		ug/m3	1.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromoform	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Bromoform	ND		ug/m3	3.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
4-Ethyltoluene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
4-Ethyltoluene	ND		ug/m3	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,3,5-Trimethylbenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,3,5-Trimethylbenzene	ND		ug/m3	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2,4-Trimethylbenzene	**0.54**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2,4-Trimethylbenzene	**2.7**		ug/m3	1.5	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Benzyl chloride	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Benzyl chloride	ND		ug/m3	1.6	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Hexachlorobutadiene	ND		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Xylene (total)	**2.2**		ppbv	0.30	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Xylene (total)	**9.6**		ug/m3	1.3	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG
Surrogates				**Limits**					
Bromofluorobenzene	95%		%REC	60-140	1.5	296539	09/08/22 22:21	09/08/22 22:21	GSG

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC1011509	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011509 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Carbon Monoxide	6.943	7.000	%v/v	99%		85-115
Carbon Dioxide	15.01	15.00	%v/v	100%		85-115
Methane	4.073	4.000	%v/v	102%		85-115
Oxygen/Argon	4.070	4.000	%v/v	102%		85-115

Type: Lab Control Sample Duplicate	**Lab ID:** QC1011510	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Carbon Monoxide	6.928	7.000	%v/v	99%		85-115	0	10
Carbon Dioxide	14.99	15.00	%v/v	100%		85-115	0	10
Methane	4.050	4.000	%v/v	101%		85-115	1	10
Oxygen/Argon	4.058	4.000	%v/v	101%		85-115	0	10

Type: Blank	**Lab ID:** QC1011511	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011511 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbon Monoxide	ND		%v/v	0.10	09/08/22	09/08/22
Carbon Dioxide	ND		%v/v	0.10	09/08/22	09/08/22
Nitrogen	ND		%v/v	0.10	09/08/22	09/08/22
Methane	ND		%v/v	0.10	09/08/22	09/08/22
Oxygen/Argon	ND		%v/v	0.10	09/08/22	09/08/22

Type: Sample Duplicate	**Lab ID:** QC1011512	**Batch:** 296534
Matrix (Source ID): Air (468494-007)	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011512 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Carbon Monoxide	ND	ND	%v/v			20	1.8
Carbon Dioxide	1.219	1.218	%v/v		0	20	1.8
Nitrogen	84.22	84.21	%v/v		0	20	1.8
Methane	ND	ND	%v/v			20	1.8
Oxygen/Argon	14.53	14.53	%v/v		0	20	1.8

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Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1011513**	**Batch:**	**296534**
Matrix (Source ID):	**Air (468650-001)**	**Method:**	**ASTM D1945M**	**Prep Method:**	**METHOD**

QC1011513 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Carbon Monoxide	ND	ND	%v/v			20	2
Carbon Dioxide	ND	ND	%v/v			20	2
Nitrogen	94.66	94.65	%v/v		0	20	2
Methane	ND	ND	%v/v		0	20	2
Oxygen/Argon	5.343	5.346	%v/v		0	20	2

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Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011219**	**Batch:**	**296431**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011219 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	8.634	10.00	ppbv	86%		70-130
Naphthalene	10.33	10.00	ppbv	103%		70-130
Freon 12	8.027	10.00	ppbv	80%		70-130
Freon 114	8.282	10.00	ppbv	83%		70-130
Chloromethane	8.381	10.00	ppbv	84%		70-130
Vinyl Chloride	8.416	10.00	ppbv	84%		70-130
Bromomethane	7.580	10.00	ppbv	76%		70-130
Chloroethane	7.915	10.00	ppbv	79%		70-130
Trichlorofluoromethane	7.739	10.00	ppbv	77%		70-130
1,1-Dichloroethene	8.031	10.00	ppbv	80%		70-130
Freon 113	8.130	10.00	ppbv	81%		70-130
Acetone	8.702	10.00	ppbv	87%		70-130
Carbon Disulfide	8.540	10.00	ppbv	85%		70-130
Isopropanol (IPA)	7.517	10.00	ppbv	75%		70-130
Methylene Chloride	7.895	10.00	ppbv	79%		70-130
trans-1,2-Dichloroethene	8.106	10.00	ppbv	81%		70-130
MTBE	8.027	10.00	ppbv	80%		70-130
n-Hexane	8.400	10.00	ppbv	84%		70-130
1,1-Dichloroethane	7.844	10.00	ppbv	78%		70-130
Vinyl Acetate	8.104	10.00	ppbv	81%		70-130
cis-1,2-Dichloroethene	8.432	10.00	ppbv	84%		70-130
2-Butanone	8.139	10.00	ppbv	81%		70-130
Chloroform	7.799	10.00	ppbv	78%		70-130
1,1,1-Trichloroethane	7.848	10.00	ppbv	78%		70-130
Carbon Tetrachloride	7.872	10.00	ppbv	79%		70-130
Benzene	8.081	10.00	ppbv	81%		70-130
1,2-Dichloroethane	7.640	10.00	ppbv	76%		70-130
Trichloroethene	8.065	10.00	ppbv	81%		70-130
1,2-Dichloropropane	8.067	10.00	ppbv	81%		70-130
Bromodichloromethane	8.154	10.00	ppbv	82%		70-130
cis-1,3-Dichloropropene	8.344	10.00	ppbv	83%		70-130
4-Methyl-2-Pentanone	8.600	10.00	ppbv	86%		70-130
Toluene	8.302	10.00	ppbv	83%		70-130
trans-1,3-Dichloropropene	8.063	10.00	ppbv	81%		70-130
1,1,2-Trichloroethane	8.414	10.00	ppbv	84%		70-130
Tetrachloroethene	7.990	10.00	ppbv	80%		70-130
2-Hexanone	9.091	10.00	ppbv	91%		70-130
Dibromochloromethane	8.103	10.00	ppbv	81%		70-130
1,2-Dibromoethane	8.045	10.00	ppbv	80%		70-130
Chlorobenzene	8.586	10.00	ppbv	86%		70-130
Ethylbenzene	8.816	10.00	ppbv	88%		70-130
m,p-Xylenes	17.73	20.00	ppbv	89%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1011219 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	8.843	10.00	ppbv	88%		70-130
Styrene	9.295	10.00	ppbv	93%		70-130
Bromoform	7.813	10.00	ppbv	78%	b	70-130
1,1,2,2-Tetrachloroethane	9.114	10.00	ppbv	91%		70-130
1,1,1,2-Tetrachloroethane	8.739	10.00	ppbv	87%		70-130
4-Ethyltoluene	9.130	10.00	ppbv	91%		70-130
1,3,5-Trimethylbenzene	9.265	10.00	ppbv	93%		70-130
1,2,4-Trimethylbenzene	9.190	10.00	ppbv	92%		70-130
1,3-Dichlorobenzene	8.782	10.00	ppbv	88%		70-130
1,4-Dichlorobenzene	9.009	10.00	ppbv	90%		70-130
Benzyl chloride	9.919	10.00	ppbv	99%		70-130
1,2-Dichlorobenzene	8.922	10.00	ppbv	89%		70-130
1,2,4-Trichlorobenzene	10.02	10.00	ppbv	100%		70-130
Hexachlorobutadiene	8.856	10.00	ppbv	89%		70-130
Surrogates						
Bromofluorobenzene	10.74	10.00	ppbv	107%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011220**	**Batch:**	**296431**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011220 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	9.009	10.00	ppbv	90%		70-130	4	25
Naphthalene	9.625	10.00	ppbv	96%		70-130	7	25
Freon 12	8.386	10.00	ppbv	84%		70-130	4	25
Freon 114	7.602	10.00	ppbv	76%		70-130	9	25
Chloromethane	8.853	10.00	ppbv	89%		70-130	5	25
Vinyl Chloride	8.943	10.00	ppbv	89%		70-130	6	25
Bromomethane	7.953	10.00	ppbv	80%		70-130	5	25
Chloroethane	8.716	10.00	ppbv	87%		70-130	10	25
Trichlorofluoromethane	8.556	10.00	ppbv	86%		70-130	10	25
1,1-Dichloroethene	8.733	10.00	ppbv	87%		70-130	8	25
Freon 113	8.827	10.00	ppbv	88%		70-130	8	25
Acetone	9.038	10.00	ppbv	90%		70-130	4	25
Carbon Disulfide	9.214	10.00	ppbv	92%		70-130	8	25
Isopropanol (IPA)	8.258	10.00	ppbv	83%		70-130	9	25
Methylene Chloride	8.342	10.00	ppbv	83%		70-130	5	25
trans-1,2-Dichloroethene	8.765	10.00	ppbv	88%		70-130	8	25
MTBE	8.478	10.00	ppbv	85%		70-130	5	25
n-Hexane	8.768	10.00	ppbv	88%		70-130	4	25
1,1-Dichloroethane	8.420	10.00	ppbv	84%		70-130	7	25
Vinyl Acetate	8.436	10.00	ppbv	84%		70-130	4	25
cis-1,2-Dichloroethene	8.989	10.00	ppbv	90%		70-130	6	25
2-Butanone	8.513	10.00	ppbv	85%		70-130	4	25
Chloroform	8.195	10.00	ppbv	82%		70-130	5	25
1,1,1-Trichloroethane	8.226	10.00	ppbv	82%		70-130	5	25
Carbon Tetrachloride	8.322	10.00	ppbv	83%		70-130	6	25
Benzene	8.479	10.00	ppbv	85%		70-130	5	25
1,2-Dichloroethane	8.122	10.00	ppbv	81%		70-130	6	25
Trichloroethene	8.240	10.00	ppbv	82%		70-130	2	25
1,2-Dichloropropane	8.126	10.00	ppbv	81%		70-130	1	25
Bromodichloromethane	8.482	10.00	ppbv	85%		70-130	4	25
cis-1,3-Dichloropropene	8.434	10.00	ppbv	84%		70-130	1	25
4-Methyl-2-Pentanone	8.861	10.00	ppbv	89%		70-130	3	25
Toluene	8.699	10.00	ppbv	87%		70-130	5	25
trans-1,3-Dichloropropene	8.706	10.00	ppbv	87%		70-130	8	25
1,1,2-Trichloroethane	8.548	10.00	ppbv	85%		70-130	2	25
Tetrachloroethene	8.128	10.00	ppbv	81%		70-130	2	25
2-Hexanone	9.476	10.00	ppbv	95%		70-130	4	25
Dibromochloromethane	8.332	10.00	ppbv	83%		70-130	3	25
1,2-Dibromoethane	8.406	10.00	ppbv	84%		70-130	4	25
Chlorobenzene	8.224	10.00	ppbv	82%		70-130	4	25
Ethylbenzene	8.568	10.00	ppbv	86%		70-130	3	25

ENTHALPY ANALYTICAL

Batch QC

QC1011220 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	17.04	20.00	ppbv	85%		70-130	4	25
o-Xylene	8.471	10.00	ppbv	85%		70-130	4	25
Styrene	8.954	10.00	ppbv	90%		70-130	4	25
Bromoform	7.732	10.00	ppbv	77%	b	70-130	1	25
1,1,2,2-Tetrachloroethane	8.820	10.00	ppbv	88%		70-130	3	25
1,1,1,2-Tetrachloroethane	8.341	10.00	ppbv	83%		70-130	5	25
4-Ethyltoluene	8.988	10.00	ppbv	90%		70-130	2	25
1,3,5-Trimethylbenzene	8.771	10.00	ppbv	88%		70-130	5	25
1,2,4-Trimethylbenzene	8.819	10.00	ppbv	88%		70-130	4	25
1,3-Dichlorobenzene	8.418	10.00	ppbv	84%		70-130	4	25
1,4-Dichlorobenzene	8.647	10.00	ppbv	86%		70-130	4	25
Benzyl chloride	9.066	10.00	ppbv	91%		70-130	9	25
1,2-Dichlorobenzene	8.473	10.00	ppbv	85%		70-130	5	25
1,2,4-Trichlorobenzene	9.052	10.00	ppbv	91%		70-130	10	25
Hexachlorobutadiene	8.404	10.00	ppbv	84%		70-130	5	25
Surrogates								
Bromofluorobenzene	10.11	10.00	ppbv	101%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011221**	**Batch:**	**296431**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011221 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
Naphthalene	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
Freon 12	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Freon 114	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Chloromethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Vinyl Chloride	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Bromomethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Chloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Trichlorofluoromethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1-Dichloroethene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Freon 113	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Acetone	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
Carbon Disulfide	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Isopropanol (IPA)	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
Methylene Chloride	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
MTBE	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
n-Hexane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1-Dichloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Vinyl Acetate	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
2-Butanone	ND		ppbv	1.0	09/07/22 15:02	09/07/22 15:02
Chloroform	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1,1-Trichloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Carbon Tetrachloride	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Benzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2-Dichloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Trichloroethene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2-Dichloropropane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Bromodichloromethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Toluene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1,2-Trichloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Tetrachloroethene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
2-Hexanone	ND		ppbv	0.50	09/07/22 15:02	09/07/22 15:02
Dibromochloromethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2-Dibromoethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Chlorobenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Ethylbenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
m,p-Xylenes	ND		ppbv	0.40	09/07/22 15:02	09/07/22 15:02

ENTHALPY ANALYTICAL

Batch QC

QC1011221 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Styrene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Bromoform	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
4-Ethyltoluene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,3-Dichlorobenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,4-Dichlorobenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Benzyl chloride	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2-Dichlorobenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Hexachlorobutadiene	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Xylene (total)	ND		ppbv	0.20	09/07/22 15:02	09/07/22 15:02
Surrogates				**Limits**		
Bromofluorobenzene	96%		%REC	60-140	09/07/22 15:02	09/07/22 15:02

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011531**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011531 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	9.043	10.00	ppbv	90%		70-130
Naphthalene	9.066	10.00	ppbv	91%		70-130
Freon 12	8.448	10.00	ppbv	84%		70-130
Freon 114	8.401	10.00	ppbv	84%		70-130
Chloromethane	8.962	10.00	ppbv	90%		70-130
Vinyl Chloride	8.967	10.00	ppbv	90%		70-130
Bromomethane	8.103	10.00	ppbv	81%		70-130
Chloroethane	8.623	10.00	ppbv	86%		70-130
Trichlorofluoromethane	8.137	10.00	ppbv	81%		70-130
1,1-Dichloroethene	8.395	10.00	ppbv	84%		70-130
Freon 113	8.535	10.00	ppbv	85%		70-130
Acetone	9.018	10.00	ppbv	90%		70-130
Carbon Disulfide	8.882	10.00	ppbv	89%		70-130
Isopropanol (IPA)	8.007	10.00	ppbv	80%		70-130
Methylene Chloride	8.163	10.00	ppbv	82%		70-130
trans-1,2-Dichloroethene	8.089	10.00	ppbv	81%		70-130
MTBE	8.347	10.00	ppbv	83%		70-130
n-Hexane	8.695	10.00	ppbv	87%		70-130
1,1-Dichloroethane	8.176	10.00	ppbv	82%		70-130
Vinyl Acetate	8.721	10.00	ppbv	87%		70-130
cis-1,2-Dichloroethene	8.760	10.00	ppbv	88%		70-130
2-Butanone	8.563	10.00	ppbv	86%		70-130
Chloroform	8.071	10.00	ppbv	81%		70-130
1,1,1-Trichloroethane	8.102	10.00	ppbv	81%		70-130
Carbon Tetrachloride	8.066	10.00	ppbv	81%		70-130
Benzene	8.178	10.00	ppbv	82%		70-130
1,2-Dichloroethane	7.907	10.00	ppbv	79%		70-130
Trichloroethene	7.973	10.00	ppbv	80%		70-130
1,2-Dichloropropane	8.358	10.00	ppbv	84%		70-130
Bromodichloromethane	8.304	10.00	ppbv	83%		70-130
cis-1,3-Dichloropropene	8.501	10.00	ppbv	85%		70-130
4-Methyl-2-Pentanone	9.081	10.00	ppbv	91%		70-130
Toluene	8.337	10.00	ppbv	83%		70-130
trans-1,3-Dichloropropene	8.285	10.00	ppbv	83%		70-130
1,1,2-Trichloroethane	8.534	10.00	ppbv	85%		70-130
Tetrachloroethene	8.055	10.00	ppbv	81%		70-130
2-Hexanone	9.404	10.00	ppbv	94%		70-130
Dibromochloromethane	8.152	10.00	ppbv	82%		70-130
1,2-Dibromoethane	8.591	10.00	ppbv	86%		70-130
Chlorobenzene	8.225	10.00	ppbv	82%		70-130
Ethylbenzene	8.064	10.00	ppbv	81%		70-130
m,p-Xylenes	16.38	20.00	ppbv	82%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1011531 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	8.165	10.00	ppbv	82%		70-130
Styrene	8.574	10.00	ppbv	86%		70-130
Bromoform	7.382	10.00	ppbv	74%	b	70-130
1,1,2,2-Tetrachloroethane	8.435	10.00	ppbv	84%		70-130
1,1,1,2-Tetrachloroethane	8.286	10.00	ppbv	83%		70-130
4-Ethyltoluene	8.535	10.00	ppbv	85%		70-130
1,3,5-Trimethylbenzene	8.551	10.00	ppbv	86%		70-130
1,2,4-Trimethylbenzene	8.527	10.00	ppbv	85%		70-130
1,3-Dichlorobenzene	8.127	10.00	ppbv	81%		70-130
1,4-Dichlorobenzene	8.248	10.00	ppbv	82%		70-130
Benzyl chloride	9.285	10.00	ppbv	93%		70-130
1,2-Dichlorobenzene	8.218	10.00	ppbv	82%		70-130
1,2,4-Trichlorobenzene	8.401	10.00	ppbv	84%		70-130
Hexachlorobutadiene	7.950	10.00	ppbv	79%		70-130
Surrogates						
Bromofluorobenzene	10.06	10.00	ppbv	101%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011532**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011532 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	8.757	10.00	ppbv	88%		70-130	3	25
Naphthalene	8.166	10.00	ppbv	82%		70-130	10	25
Freon 12	8.427	10.00	ppbv	84%		70-130	0	25
Freon 114	8.401	10.00	ppbv	84%		70-130	0	25
Chloromethane	8.670	10.00	ppbv	87%		70-130	3	25
Vinyl Chloride	8.875	10.00	ppbv	89%		70-130	1	25
Bromomethane	8.206	10.00	ppbv	82%		70-130	1	25
Chloroethane	8.632	10.00	ppbv	86%		70-130	0	25
Trichlorofluoromethane	8.384	10.00	ppbv	84%		70-130	3	25
1,1-Dichloroethene	8.349	10.00	ppbv	83%		70-130	1	25
Freon 113	8.631	10.00	ppbv	86%		70-130	1	25
Acetone	8.598	10.00	ppbv	86%		70-130	5	25
Carbon Disulfide	8.930	10.00	ppbv	89%		70-130	1	25
Isopropanol (IPA)	8.139	10.00	ppbv	81%		70-130	2	25
Methylene Chloride	8.151	10.00	ppbv	82%		70-130	0	25
trans-1,2-Dichloroethene	8.009	10.00	ppbv	80%		70-130	1	25
MTBE	8.239	10.00	ppbv	82%		70-130	1	25
n-Hexane	8.585	10.00	ppbv	86%		70-130	1	25
1,1-Dichloroethane	8.077	10.00	ppbv	81%		70-130	1	25
Vinyl Acetate	8.539	10.00	ppbv	85%		70-130	2	25
cis-1,2-Dichloroethene	8.018	10.00	ppbv	80%		70-130	9	25
2-Butanone	8.247	10.00	ppbv	82%		70-130	4	25
Chloroform	8.002	10.00	ppbv	80%		70-130	1	25
1,1,1-Trichloroethane	8.072	10.00	ppbv	81%		70-130	0	25
Carbon Tetrachloride	8.029	10.00	ppbv	80%		70-130	0	25
Benzene	8.227	10.00	ppbv	82%		70-130	1	25
1,2-Dichloroethane	7.846	10.00	ppbv	78%		70-130	1	25
Trichloroethene	8.054	10.00	ppbv	81%		70-130	1	25
1,2-Dichloropropane	8.236	10.00	ppbv	82%		70-130	1	25
Bromodichloromethane	8.223	10.00	ppbv	82%		70-130	1	25
cis-1,3-Dichloropropene	8.355	10.00	ppbv	84%		70-130	2	25
4-Methyl-2-Pentanone	8.778	10.00	ppbv	88%		70-130	3	25
Toluene	8.376	10.00	ppbv	84%		70-130	0	25
trans-1,3-Dichloropropene	8.067	10.00	ppbv	81%		70-130	3	25
1,1,2-Trichloroethane	8.495	10.00	ppbv	85%		70-130	0	25
Tetrachloroethene	7.904	10.00	ppbv	79%		70-130	2	25
2-Hexanone	9.223	10.00	ppbv	92%		70-130	2	25
Dibromochloromethane	8.110	10.00	ppbv	81%		70-130	1	25
1,2-Dibromoethane	8.289	10.00	ppbv	83%		70-130	4	25
Chlorobenzene	8.031	10.00	ppbv	80%		70-130	2	25
Ethylbenzene	8.011	10.00	ppbv	80%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC1011532 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	16.05	20.00	ppbv	80%		70-130	2	25
o-Xylene	7.975	10.00	ppbv	80%		70-130	2	25
Styrene	8.329	10.00	ppbv	83%		70-130	3	25
Bromoform	7.130	10.00	ppbv	71%	b	70-130	3	25
1,1,2,2-Tetrachloroethane	8.261	10.00	ppbv	83%		70-130	2	25
1,1,1,2-Tetrachloroethane	7.992	10.00	ppbv	80%		70-130	4	25
4-Ethyltoluene	7.933	10.00	ppbv	79%		70-130	7	25
1,3,5-Trimethylbenzene	8.207	10.00	ppbv	82%		70-130	4	25
1,2,4-Trimethylbenzene	8.140	10.00	ppbv	81%		70-130	5	25
1,3-Dichlorobenzene	7.822	10.00	ppbv	78%		70-130	4	25
1,4-Dichlorobenzene	7.910	10.00	ppbv	79%		70-130	4	25
Benzyl chloride	9.075	10.00	ppbv	91%		70-130	2	25
1,2-Dichlorobenzene	7.785	10.00	ppbv	78%		70-130	5	25
1,2,4-Trichlorobenzene	7.388	10.00	ppbv	74%		70-130	13	25
Hexachlorobutadiene	7.400	10.00	ppbv	74%		70-130	7	25
Surrogates								
Bromofluorobenzene	9.810	10.00	ppbv	98%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011533**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011533 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Naphthalene	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Freon 12	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Freon 114	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Vinyl Chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromomethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Trichlorofluoromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Freon 113	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Acetone	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Carbon Disulfide	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Isopropanol (IPA)	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Methylene Chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
MTBE	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
n-Hexane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1-Dichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Vinyl Acetate	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
2-Butanone	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Chloroform	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,1-Trichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Carbon Tetrachloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Benzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Trichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichloropropane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromodichloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Toluene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,2-Trichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Tetrachloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
2-Hexanone	ND		ppbv	0.50	09/08/22 19:20	09/08/22 19:20
Dibromochloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dibromoethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Ethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
m,p-Xylenes	ND		ppbv	0.40	09/08/22 19:20	09/08/22 19:20

ENTHALPY ANALYTICAL

Batch QC

QC1011533 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Styrene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromoform	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
4-Ethyltoluene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,3-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,4-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Benzyl chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Hexachlorobutadiene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Xylene (total)	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Surrogates				**Limits**		
Bromofluorobenzene	94%		%REC	60-140	09/08/22 19:20	09/08/22 19:20

ND Not Detected
b See narrative

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

enthalpy.com

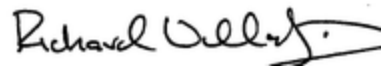
Lab Job Number: 468494
Report Level: II
Report Date: 09/09/2022

Analytical Report *prepared for:*

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #:	468494
Project No:	CULVER CROSSING
Location:	C20100.01
Date Received:	09/02/22

Sample ID	Lab ID	Collected	Matrix
SVP-5-5	468494-001	09/02/22 08:22	Air
SVP-5-15	468494-002	09/02/22 08:58	Air
SVP-5-25	468494-003	09/02/22 08:42	Air
SVP-6-5	468494-004	09/02/22 09:34	Air
SVP-6-15	468494-005	09/02/22 09:34	Air
SVP-6-25	468494-006	09/02/22 09:34	Air
SVP-10-5	468494-007	09/02/22 10:35	Air
SVP-10-15	468494-008	09/02/22 10:35	Air
SVP-10-25	468494-009	09/02/22 10:35	Air
SVP-3-5	468494-010	09/02/22 13:00	Air
SVP-3-15	468494-011	09/02/22 13:00	Air
SVP-3-27	468494-012	09/02/22 13:00	Air
SVP-4-5	468494-013	09/02/22 11:50	Air
SVP-4-15	468494-014	09/02/22 11:50	Air
SVP-4-25	468494-015	09/02/22 11:50	Air
SVP-6-5-DUP	468494-016	09/02/22 09:44	Air
SVP-6-SHROUD	468494-017	09/02/22 09:34	Air
SVP-4-SHROUD	468494-018	09/02/22 11:50	Air
SVP-3-5-DUP	468494-019	09/02/22 13:08	Air

ENTHALPY ANALYTICAL

Case Narrative

EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614
Jessica Curran

Lab Job Number: 468494
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/02/22

This data package contains sample and QC results for nineteen air samples, requested for the above referenced project on 09/02/22. The samples were received intact.

Fixed Gases and Low Level Hydrocarbons (ASTM D1945M):
No analytical problems were encountered.

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

- High ICAL percent RSD (relative standard deviation) was observed for 2-hexanone in the calibration analyzed 08/11/22 14:22; affected data was qualified with "b".
- High response was observed for bromoform in the ICV analyzed 07/27/22 11:45; affected data was qualified with "b".
- High recovery was observed for naphthalene in the BSD for batch 296369; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- Many samples were diluted due to high hydrocarbons.
- No other analytical problems were encountered.

Richard Villafania

From: Jessica Curran <jcurran@ekiconsult.com> on behalf of Jessica Curran
Sent: Wednesday, September 7, 2022 11:56 AM
To: Richard Villafania
Cc: Chris Ingalls
Subject: [EXTERNAL] Culver Crossing - Additional Analysis Request for 6 Vapor Samples

Hi Richard,

In addition to running VOC by Method TO-15, we would like to request the following samples to also be analyzed for fixed gases ASTM D1945. Will you have enough sample in the summas to run this and what is the standard TAT for this?

SVP-9-5.5
SVP-9-15.5
SVP-9-24
SVP-10-5
SVP-10-15
SVP-10-25

Thank you
Jessica Curran
Geologist

EKI Environment & Water, Inc.
2355 Main Street, Suite 210
Irvine, California 92614
D: (650) 376-4891| C: (949) 874-6554
jcurran@ekiconsult.com | www.ekiconsult.com

EKI Environment & Water, Inc.

CONSULTING ENGINEERS AND SCIENTISTS

CHAIN OF CUSTODY RECORD

Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:

~~(1) Data Archive: labs@ekiconsult.com~~

(2) jcurran@ekiconsult.com

(3) phoffey@ekiconsult.com

(4) cingalls@ekiconsult.com

Laboratory: Quote #EKI080822

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

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220902-3

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	~~Lab Sample No.~~ CAN No.	Date	Time	Matrix	Container Count & Type	Method No. / Analyte / Group: EPA TO-15 VOCs & TFA	EPA TO-15 1,1-DFA-Only	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Initial / Final Vacuum Remarks
SVP-5-5	C11134	09-02-2022	8:19-8:42	SG	1L SUMMA	X				4 day TAT	30 / 5
SVP-5-15	C10876		8:50-8:58								30 / 5
SVP-5-25	C10621		8:34-8:42								30 / 5
SVP-6-5	C10790		9:25-9:34								30 / 2
SVP-6-15	C11070		9:25-9:34								30 / 3
SVP-6-25	C10764		9:25-9:34								30 / 5
SVP-10-5	C10963		10:26-10:35								30 / 5
SVP-10-15	C10953		10:26-10:35								30 / 4
SVP-10-25	C10744		10:26-10:35								29 / 3
SVP-3-5	C10941		11:53-13:00								30 / 5
SVP-3-15	C11071		11:53-13:00								30 / 5
SVP-3-27	C10612		11:53-13:00								30 / 5

DFA

Special Instructions: 4 day TAT

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
/EKI	09/02/2022 16:19	EA
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

EKI Environment & Water, Inc. **CHAIN OF CUSTODY RECORD** PAGE 2 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

EKI COC No.: (YYYYMMDD-#) 20220902-3

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:
Electronic Format: EDD Hard Copy Format: PDF
EPA Data Report Level:
Please report results to the following people:
~~(1) Data Archive: labs@ekiconsult.com~~
(2) jcurran@ekiconsult.com
(3) phoffey@ekiconsult.com
(4) cingalls@ekiconsult.com

Laboratory: Quote #EKI080822
Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
(714) 771 - 6900

Revision: _____ (A, B, C, D, etc.)
Date: By:

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	EPA TO-15 VOCs & ~~TFA~~	EPA TO-15 1,1-DFA-Only	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Initial / Final Vacuums Remarks
SVP-4-5	C10951	09-02-2022	11:40-11:50	SG	1L SUMMA	X				4 day TAT	30 / 5
SVP-4-15	C10983		11:40-11:50			X					30 / 5
SVP-4-25	C10975		11:40-11:50			X					30/5
SVP-6-5-DUP	C11051		9:44-9:44			X					30 / 4
SVP-6-SHROUD	C10600		9:25-9:34				X				30 / 10
SVP-4-SHROUD	C11009		11:40-11:50				X				30 / 10
SVP-3-5-DUP	C10530		11:53-13:08			X					30 / 5

DFA

Special Instructions: 4-day TAT

	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
Relinquished by: (Signature/Affiliation) / EKI	09/02/2022 16:19	EA
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

468494

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing	**Project No.:** C20100.01
Location: 8876 Venice Blvd. Culver City, CA.	**Sampled By:** Julia Hernandez & Christian Concha
Reporting: Electronic Format: EDD Hard Copy Format: PDF EPA Data Report Level: Please report results to the following people: (1) Data Archive: labs@ekiconsult.com (2) jcurran@ekiconsult.com (3) phoffey@ekiconsult.com (4) cingalls@ekiconsult.com	**Laboratory:** Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868 (714) 771 - 6900

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220902-3

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	CAN No. / Lab Sample No.	Date	Time	Matrix	Container Count & Type	Method/No.	Analyte / Group	Extract and HOLD	EXPECTED TURNAROUND TIME	Initial / Final Vacuum Remarks
SVP-5-5	C11134	09-02-2022	8:10-8:22	SG	1L SUMMA	EPA TO-15	VOCs & TFA		4 day TAT	30 / 5
SVP-5-15	C10876		8:50-8:58			EPA TO-15	1,1-DFA-Only			30 / 5
SVP-5-25	C10621		8:34-8:42							30 / 5
SVP-6-5	C10790		9:25-9:34							30 / 7
SVP-6-15	C11070		9:25-9:34							30 / 3
SVP-6-25	C10764		9:25-9:34							30 / 5
SVP-10-5	C10963		10:26-10:35							30 / 5
SVP-10-15	C10953		10:26-10:35							30 / 4
SVP-10-25	C10744		10:26-10:35							29 / 3
SVP-3-5	C10941		11:53-13:01							30 / 5
SVP-3-15	C11071		11:53-13:00							30 / 5
SVP-3-27	C10612		11:53-13:00							30 / 5

Special Instructions:

4 day TAT

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
/EKI	09/02/2022 16:19	EA
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)

468494

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing	**Project No.:** C20100.01
Location: 8876 Venice Blvd. Culver City, CA.	**Sampled By:** Julia Hernandez & Christian Concha
Reporting: Electronic Format: EDD Hard Copy Format: PDF EPA Data Report Level: Please report results to the following people: (1) Data Archive: labs@ekiconsult.com (2) jcurran@ekiconsult.com (3) phoffey@ekiconsult.com (4) cingalls@ekiconsult.com	**Laboratory:** Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868 (714) 771 - 6900

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220902-3

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	EPA TO-15 VOCs & TFA	EPA TO-15 1,1-DFA-Only	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Revision: _____ (A, B, C, D, etc.) Date: By: Initial / Final Vaccum Remarks
SVP-4-5	C10956	09-02-2022	11:40-11:50	SG	1L SUMMA	X				4 day TAT	30 / 5
SVP-4-15	C10983	↓	11:40-11:50	↓	↓	↓				↓	30 / 5
SVP-4-25	C10975		11:40-11:50			↓				↓	30/5
SVP-6-5-DUP	C11051		9:44-9:44			X					30 / 4
SVP-6-SHROUD	C10600		9:29-9:34				X				30 / 0
SVP-4-SHROUD	C11009		11:40-11:50				X				30 / 0
SVP-3-5-DUP	C10530	↓	11:53-13:08	↓	↓	X				↓	30 / 5

Special Instructions: 4-day TAT

Relinquished by: (Signature/Affiliation) / EKI	**Date & Time** 09/02/2022 16:19	**Received by:** (Signature/Affiliation or Carrier/Air Bill No.) EA
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI Environmental

Project: Culver Crossing

Date Received: 9/2/22

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): Amb.

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:

G.S. 9/2/22

Completed By: _____ Date: ~~SEP 02 2022~~ SEP 02 2022

ENTHALPY ANALYTICAL

Analysis Results for 468494

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468494
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/02/22

Sample ID: SVP-5-5 **Lab ID: 468494-001** **Collected: 09/02/22 08:22**
Matrix: Air

468494-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**330,000**		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1-Difluoroethane	**900,000**		ug/m3	41,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Naphthalene	ND		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Naphthalene	ND		ug/m3	79,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 12	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 12	ND		ug/m3	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 114	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 114	ND		ug/m3	21,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloromethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloromethane	ND		ug/m3	6,200	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Vinyl Chloride	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Vinyl Chloride	ND		ug/m3	7,700	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromomethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromomethane	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloroethane	ND		ug/m3	7,900	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Trichlorofluoromethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Trichlorofluoromethane	ND		ug/m3	17,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1-Dichloroethene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1-Dichloroethene	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 113	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Freon 113	ND		ug/m3	23,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Acetone	ND		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Acetone	ND		ug/m3	36,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Carbon Disulfide	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Carbon Disulfide	ND		ug/m3	9,300	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Isopropanol (IPA)	ND		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Isopropanol (IPA)	ND		ug/m3	37,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Methylene Chloride	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Methylene Chloride	ND		ug/m3	10,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
trans-1,2-Dichloroethene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
trans-1,2-Dichloroethene	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
MTBE	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
MTBE	ND		ug/m3	11,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
n-Hexane	ND		ug/m3	11,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1-Dichloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1-Dichloroethane	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Vinyl Acetate	ND		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Vinyl Acetate	ND		ug/m3	53,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
cis-1,2-Dichloroethene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
cis-1,2-Dichloroethene	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
2-Butanone	ND		ppbv	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
2-Butanone	ND		ug/m3	44,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloroform	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chloroform	ND		ug/m3	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,1-Trichloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,1-Trichloroethane	ND		ug/m3	16,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Carbon Tetrachloride	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Carbon Tetrachloride	ND		ug/m3	19,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Benzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Benzene	ND		ug/m3	9,600	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichloroethane	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Trichloroethene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Trichloroethene	ND		ug/m3	16,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichloropropane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichloropropane	ND		ug/m3	14,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromodichloromethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromodichloromethane	ND		ug/m3	20,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
cis-1,3-Dichloropropene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
cis-1,3-Dichloropropene	ND		ug/m3	14,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
4-Methyl-2-Pentanone	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
4-Methyl-2-Pentanone	ND		ug/m3	12,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Toluene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Toluene	ND		ug/m3	11,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
trans-1,3-Dichloropropene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
trans-1,3-Dichloropropene	ND		ug/m3	14,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,2-Trichloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,2-Trichloroethane	ND		ug/m3	16,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Tetrachloroethene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Tetrachloroethene	ND		ug/m3	20,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
2-Hexanone	ND		ppbv	7,500	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
2-Hexanone	ND		ug/m3	31,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Dibromochloromethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Dibromochloromethane	ND		ug/m3	26,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dibromoethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dibromoethane	ND		ug/m3	23,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chlorobenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Chlorobenzene	ND		ug/m3	14,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Ethylbenzene	ND		ug/m3	13,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
m,p-Xylenes	ND		ppbv	6,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
m,p-Xylenes	ND		ug/m3	26,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
o-Xylene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
o-Xylene	ND		ug/m3	13,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Styrene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Styrene	ND		ug/m3	13,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromoform	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Bromoform	ND		ug/m3	31,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	21,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	21,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
4-Ethyltoluene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
4-Ethyltoluene	ND		ug/m3	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,3,5-Trimethylbenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2,4-Trimethylbenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	15,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,3-Dichlorobenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,3-Dichlorobenzene	ND		ug/m3	18,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,4-Dichlorobenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,4-Dichlorobenzene	ND		ug/m3	18,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Benzyl chloride	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Benzyl chloride	ND		ug/m3	16,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichlorobenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2-Dichlorobenzene	ND		ug/m3	18,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2,4-Trichlorobenzene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	22,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Hexachlorobutadiene	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Hexachlorobutadiene	ND		ug/m3	32,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Xylene (total)	ND		ppbv	3,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Xylene (total)	ND		ug/m3	13,000	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL
Surrogates				**Limits**					
Bromofluorobenzene	102%		%REC	60-140	15000	296369	09/06/22 23:05	09/06/22 23:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-5-15	Lab ID: 468494-002	Collected: 09/02/22 08:58
	Matrix: Air	

468494-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**42**		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1-Difluoroethane	**110**		ug/m3	81	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Naphthalene	ND		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Naphthalene	ND		ug/m3	160	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 12	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 12	ND		ug/m3	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 114	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 114	ND		ug/m3	42	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloromethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloromethane	ND		ug/m3	12	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Vinyl Chloride	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Vinyl Chloride	ND		ug/m3	15	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromomethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromomethane	ND		ug/m3	23	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloroethane	ND		ug/m3	16	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Trichlorofluoromethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Trichlorofluoromethane	ND		ug/m3	34	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 113	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Freon 113	ND		ug/m3	46	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Acetone	ND		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Acetone	ND		ug/m3	71	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Carbon Disulfide	**12**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Carbon Disulfide	**38**		ug/m3	19	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Isopropanol (IPA)	ND		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Isopropanol (IPA)	ND		ug/m3	74	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Methylene Chloride	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Methylene Chloride	ND		ug/m3	21	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
MTBE	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
MTBE	ND		ug/m3	22	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
n-Hexane	**7.0**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
n-Hexane	**25**		ug/m3	21	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1-Dichloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1-Dichloroethane	ND		ug/m3	24	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Vinyl Acetate	ND		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Vinyl Acetate	ND		ug/m3	110	30	296369	09/07/22 01:59	09/07/22 01:59	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
2-Butanone	ND		ppbv	30	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
2-Butanone	ND		ug/m3	88	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloroform	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chloroform	ND		ug/m3	29	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,1-Trichloroethane	ND		ug/m3	33	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Carbon Tetrachloride	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Carbon Tetrachloride	ND		ug/m3	38	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Benzene	**18**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Benzene	**58**		ug/m3	19	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichloroethane	ND		ug/m3	24	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Trichloroethene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Trichloroethene	ND		ug/m3	32	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichloropropane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichloropropane	ND		ug/m3	28	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromodichloromethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromodichloromethane	ND		ug/m3	40	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Toluene	**170**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Toluene	**650**		ug/m3	23	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,2-Trichloroethane	ND		ug/m3	33	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Tetrachloroethene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Tetrachloroethene	ND		ug/m3	41	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
2-Hexanone	ND		ppbv	15	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
2-Hexanone	ND		ug/m3	61	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Dibromochloromethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Dibromochloromethane	ND		ug/m3	51	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dibromoethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dibromoethane	ND		ug/m3	46	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Chlorobenzene	ND		ug/m3	28	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Ethylbenzene	**37**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Ethylbenzene	**160**		ug/m3	26	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
m,p-Xylenes	**140**		ppbv	12	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
m,p-Xylenes	**590**		ug/m3	52	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
o-Xylene	**51**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
o-Xylene	**220**		ug/m3	26	30	296369	09/07/22 01:59	09/07/22 01:59	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Styrene	ND		ug/m3	26	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromoform	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Bromoform	ND		ug/m3	62	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
4-Ethyltoluene	**11**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
4-Ethyltoluene	**54**		ug/m3	29	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,3,5-Trimethylbenzene	**17**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,3,5-Trimethylbenzene	**86**		ug/m3	29	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2,4-Trimethylbenzene	**33**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2,4-Trimethylbenzene	**160**		ug/m3	29	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,3-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,4-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Benzyl chloride	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Benzyl chloride	ND		ug/m3	31	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Hexachlorobutadiene	ND		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Hexachlorobutadiene	ND		ug/m3	64	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Xylene (total)	**190**		ppbv	6.0	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Xylene (total)	**810**		ug/m3	26	30	296369	09/07/22 01:59	09/07/22 01:59	DJL
Surrogates				**Limits**					
Bromofluorobenzene	109%		%REC	60-140	30	296369	09/07/22 01:59	09/07/22 01:59	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-5-25	Lab ID: 468494-003	Collected: 09/02/22 08:42
	Matrix: Air	

468494-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**3.5**		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1-Difluoroethane	**9.6**		ug/m3	4.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Naphthalene	ND		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Naphthalene	ND		ug/m3	7.9	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 12	**0.62**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 12	**3.0**		ug/m3	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 114	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Vinyl Chloride	**0.41**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Vinyl Chloride	**1.0**		ug/m3	0.77	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloroethane	ND		ug/m3	0.79	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 113	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Acetone	**12**		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Acetone	**29**		ug/m3	3.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Carbon Disulfide	**2.5**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Carbon Disulfide	**7.8**		ug/m3	0.93	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Methylene Chloride	**1.4**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Methylene Chloride	**4.9**		ug/m3	1.0	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
MTBE	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
MTBE	ND		ug/m3	1.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
n-Hexane	**9.2**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
n-Hexane	**32**		ug/m3	1.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	**2.3**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
cis-1,2-Dichloroethene	**9.2**		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
2-Butanone	**3.5**		ppbv	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
2-Butanone	**10**		ug/m3	4.4	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloroform	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chloroform	ND		ug/m3	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Benzene	**0.76**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Benzene	**2.4**		ug/m3	0.96	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Trichloroethene	**4.4**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Trichloroethene	**23**		ug/m3	1.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichloropropane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.4	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
4-Methyl-2-Pentanone	**0.86**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
4-Methyl-2-Pentanone	**3.5**		ug/m3	1.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Toluene	**8.8**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Toluene	**33**		ug/m3	1.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Tetrachloroethene	**2.3**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Tetrachloroethene	**16**		ug/m3	2.0	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Ethylbenzene	**1.8**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Ethylbenzene	**7.9**		ug/m3	1.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
m,p-Xylenes	**8.2**		ppbv	0.60	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
m,p-Xylenes	**35**		ug/m3	2.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
o-Xylene	**3.0**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
o-Xylene	**13**		ug/m3	1.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Styrene	ND		ug/m3	1.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromoform	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
4-Ethyltoluene	**1.1**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
4-Ethyltoluene	**5.3**		ug/m3	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,3,5-Trimethylbenzene	**1.8**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,3,5-Trimethylbenzene	**9.0**		ug/m3	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2,4-Trimethylbenzene	**4.8**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2,4-Trimethylbenzene	**23**		ug/m3	1.5	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Xylene (total)	**11**		ppbv	0.30	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Xylene (total)	**49**		ug/m3	1.3	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	108%		%REC	60-140	1.5	296427	09/08/22 01:41	09/08/22 01:41	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-6-5	Lab ID: 468494-004	Collected: 09/02/22 09:34
	Matrix: Air	

468494-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1-Difluoroethane	ND		ug/m3	81	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Naphthalene	ND		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Naphthalene	ND		ug/m3	160	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 12	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 12	ND		ug/m3	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 114	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 114	ND		ug/m3	42	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloromethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloromethane	ND		ug/m3	12	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Vinyl Chloride	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Vinyl Chloride	ND		ug/m3	15	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromomethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromomethane	ND		ug/m3	23	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloroethane	ND		ug/m3	16	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Trichlorofluoromethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Trichlorofluoromethane	ND		ug/m3	34	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 113	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Freon 113	ND		ug/m3	46	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Acetone	ND		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Acetone	ND		ug/m3	71	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Carbon Disulfide	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Carbon Disulfide	ND		ug/m3	19	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Isopropanol (IPA)	ND		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Isopropanol (IPA)	ND		ug/m3	74	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Methylene Chloride	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Methylene Chloride	ND		ug/m3	21	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
MTBE	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
MTBE	ND		ug/m3	22	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
n-Hexane	**8.5**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
n-Hexane	**30**		ug/m3	21	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1-Dichloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1-Dichloroethane	ND		ug/m3	24	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Vinyl Acetate	ND		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Vinyl Acetate	ND		ug/m3	110	30	296369	09/07/22 03:19	09/07/22 03:19	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
2-Butanone	**37**		ppbv	30	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
2-Butanone	**110**		ug/m3	88	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloroform	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chloroform	ND		ug/m3	29	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,1-Trichloroethane	ND		ug/m3	33	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Carbon Tetrachloride	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Carbon Tetrachloride	ND		ug/m3	38	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Benzene	**11**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Benzene	**34**		ug/m3	19	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichloroethane	ND		ug/m3	24	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Trichloroethene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Trichloroethene	ND		ug/m3	32	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichloropropane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichloropropane	ND		ug/m3	28	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromodichloromethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromodichloromethane	ND		ug/m3	40	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Toluene	**71**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Toluene	**270**		ug/m3	23	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,2-Trichloroethane	ND		ug/m3	33	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Tetrachloroethene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Tetrachloroethene	ND		ug/m3	41	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
2-Hexanone	ND		ppbv	15	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
2-Hexanone	ND		ug/m3	61	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Dibromochloromethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Dibromochloromethane	ND		ug/m3	51	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dibromoethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dibromoethane	ND		ug/m3	46	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Chlorobenzene	ND		ug/m3	28	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Ethylbenzene	**12**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Ethylbenzene	**50**		ug/m3	26	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
m,p-Xylenes	**44**		ppbv	12	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
m,p-Xylenes	**190**		ug/m3	52	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
o-Xylene	**18**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
o-Xylene	**80**		ug/m3	26	30	296369	09/07/22 03:19	09/07/22 03:19	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Styrene	ND		ug/m3	26	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromoform	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Bromoform	ND		ug/m3	62	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
4-Ethyltoluene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
4-Ethyltoluene	ND		ug/m3	29	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,3,5-Trimethylbenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	29	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2,4-Trimethylbenzene	**12**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2,4-Trimethylbenzene	**58**		ug/m3	29	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,3-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,4-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Benzyl chloride	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Benzyl chloride	ND		ug/m3	31	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2-Dichlorobenzene	ND		ug/m3	36	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Hexachlorobutadiene	ND		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Hexachlorobutadiene	ND		ug/m3	64	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Xylene (total)	**62**		ppbv	6.0	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Xylene (total)	**270**		ug/m3	26	30	296369	09/07/22 03:19	09/07/22 03:19	DJL
Surrogates				**Limits**					
Bromofluorobenzene	101%		%REC	60-140	30	296369	09/07/22 03:19	09/07/22 03:19	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-6-15	Lab ID: 468494-005	Collected: 09/02/22 09:34
	Matrix: Air	

468494-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1-Difluoroethane	ND		ug/m3	41	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Naphthalene	ND		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Naphthalene	ND		ug/m3	79	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 12	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 12	ND		ug/m3	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 114	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 114	ND		ug/m3	21	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloromethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloromethane	ND		ug/m3	6.2	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Vinyl Chloride	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Vinyl Chloride	ND		ug/m3	7.7	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromomethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromomethane	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloroethane	ND		ug/m3	7.9	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Trichlorofluoromethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Trichlorofluoromethane	ND		ug/m3	17	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1-Dichloroethene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1-Dichloroethene	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 113	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Freon 113	ND		ug/m3	23	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Acetone	**16**		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Acetone	**38**		ug/m3	36	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Carbon Disulfide	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Carbon Disulfide	ND		ug/m3	9.3	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Isopropanol (IPA)	ND		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Isopropanol (IPA)	ND		ug/m3	37	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Methylene Chloride	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Methylene Chloride	ND		ug/m3	10	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
trans-1,2-Dichloroethene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
trans-1,2-Dichloroethene	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
MTBE	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
MTBE	ND		ug/m3	11	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
n-Hexane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
n-Hexane	ND		ug/m3	11	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1-Dichloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1-Dichloroethane	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Vinyl Acetate	ND		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Vinyl Acetate	ND		ug/m3	53	15	296369	09/07/22 06:05	09/07/22 06:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
cis-1,2-Dichloroethene	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
2-Butanone	ND		ppbv	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
2-Butanone	ND		ug/m3	44	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloroform	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chloroform	ND		ug/m3	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,1-Trichloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,1-Trichloroethane	ND		ug/m3	16	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Carbon Tetrachloride	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Carbon Tetrachloride	ND		ug/m3	19	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Benzene	**4.5**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Benzene	**14**		ug/m3	9.6	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichloroethane	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Trichloroethene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Trichloroethene	ND		ug/m3	16	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichloropropane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichloropropane	ND		ug/m3	14	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromodichloromethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromodichloromethane	ND		ug/m3	20	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
cis-1,3-Dichloropropene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
cis-1,3-Dichloropropene	ND		ug/m3	14	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
4-Methyl-2-Pentanone	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
4-Methyl-2-Pentanone	ND		ug/m3	12	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Toluene	**45**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Toluene	**170**		ug/m3	11	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
trans-1,3-Dichloropropene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
trans-1,3-Dichloropropene	ND		ug/m3	14	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,2-Trichloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,2-Trichloroethane	ND		ug/m3	16	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Tetrachloroethene	**13**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Tetrachloroethene	**91**		ug/m3	20	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
2-Hexanone	ND		ppbv	7.5	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
2-Hexanone	ND		ug/m3	31	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Dibromochloromethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Dibromochloromethane	ND		ug/m3	26	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dibromoethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dibromoethane	ND		ug/m3	23	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chlorobenzene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Chlorobenzene	ND		ug/m3	14	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Ethylbenzene	**9.8**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Ethylbenzene	**42**		ug/m3	13	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
m,p-Xylenes	**34**		ppbv	6.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
m,p-Xylenes	**150**		ug/m3	26	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
o-Xylene	**12**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
o-Xylene	**53**		ug/m3	13	15	296369	09/07/22 06:05	09/07/22 06:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Styrene	ND		ug/m3	13	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromoform	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Bromoform	ND		ug/m3	31	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	21	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	21	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
4-Ethyltoluene	**3.1**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
4-Ethyltoluene	**15**		ug/m3	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,3,5-Trimethylbenzene	**3.5**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,3,5-Trimethylbenzene	**17**		ug/m3	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2,4-Trimethylbenzene	**7.7**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2,4-Trimethylbenzene	**38**		ug/m3	15	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,3-Dichlorobenzene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,3-Dichlorobenzene	ND		ug/m3	18	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,4-Dichlorobenzene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,4-Dichlorobenzene	ND		ug/m3	18	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Benzyl chloride	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Benzyl chloride	ND		ug/m3	16	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichlorobenzene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2-Dichlorobenzene	ND		ug/m3	18	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2,4-Trichlorobenzene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	22	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Hexachlorobutadiene	ND		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Hexachlorobutadiene	ND		ug/m3	32	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Xylene (total)	**46**		ppbv	3.0	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Xylene (total)	**200**		ug/m3	13	15	296369	09/07/22 06:05	09/07/22 06:05	DJL
Surrogates				**Limits**					
Bromofluorobenzene	105%		%REC	60-140	15	296369	09/07/22 06:05	09/07/22 06:05	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-6-25	Lab ID: 468494-006	Collected: 09/02/22 09:34
	Matrix: Air	

468494-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Naphthalene	ND		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Naphthalene	ND		ug/m3	7.9	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 12	**0.65**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 12	**3.2**		ug/m3	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 114	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 114	ND		ug/m3	2.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloromethane	ND		ug/m3	0.62	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Vinyl Chloride	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Vinyl Chloride	ND		ug/m3	0.77	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromomethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromomethane	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloroethane	**0.45**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloroethane	**1.2**		ug/m3	0.79	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Trichlorofluoromethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.7	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1-Dichloroethene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 113	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Freon 113	ND		ug/m3	2.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Acetone	**5.4**		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Acetone	**13**		ug/m3	3.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Carbon Disulfide	**2.4**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Carbon Disulfide	**7.5**		ug/m3	0.93	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Isopropanol (IPA)	ND		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Isopropanol (IPA)	ND		ug/m3	3.7	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Methylene Chloride	**1.1**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Methylene Chloride	**3.7**		ug/m3	1.0	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
MTBE	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
MTBE	ND		ug/m3	1.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
n-Hexane	**5.8**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
n-Hexane	**20**		ug/m3	1.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1-Dichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Vinyl Acetate	ND		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Vinyl Acetate	ND		ug/m3	5.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
2-Butanone	**3.1**		ppbv	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
2-Butanone	**9.2**		ug/m3	4.4	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloroform	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chloroform	ND		ug/m3	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	1.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Carbon Tetrachloride	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Carbon Tetrachloride	ND		ug/m3	1.9	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Benzene	**1.4**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Benzene	**4.6**		ug/m3	0.96	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Trichloroethene	**3.3**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Trichloroethene	**18**		ug/m3	1.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichloropropane	**0.33**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichloropropane	**1.5**		ug/m3	1.4	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromodichloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromodichloromethane	ND		ug/m3	2.0	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
4-Methyl-2-Pentanone	**0.97**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
4-Methyl-2-Pentanone	**4.0**		ug/m3	1.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Toluene	**14**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Toluene	**51**		ug/m3	1.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.4	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Tetrachloroethene	**3.9**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Tetrachloroethene	**26**		ug/m3	2.0	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
2-Hexanone	ND		ppbv	0.75	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
2-Hexanone	ND		ug/m3	3.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Dibromochloromethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Dibromochloromethane	ND		ug/m3	2.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dibromoethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Chlorobenzene	ND		ug/m3	1.4	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Ethylbenzene	**4.5**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Ethylbenzene	**20**		ug/m3	1.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
m,p-Xylenes	**18**		ppbv	0.60	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
m,p-Xylenes	**77**		ug/m3	2.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
o-Xylene	**7.1**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
o-Xylene	**31**		ug/m3	1.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Styrene	ND		ug/m3	1.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromoform	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Bromoform	ND		ug/m3	3.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.1	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
4-Ethyltoluene	**1.5**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
4-Ethyltoluene	**7.4**		ug/m3	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,3,5-Trimethylbenzene	**2.5**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,3,5-Trimethylbenzene	**12**		ug/m3	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2,4-Trimethylbenzene	**2.4**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2,4-Trimethylbenzene	**12**		ug/m3	1.5	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Benzyl chloride	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Benzyl chloride	ND		ug/m3	1.6	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	1.8	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Hexachlorobutadiene	ND		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.2	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Xylene (total)	**25**		ppbv	0.30	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Xylene (total)	**110**		ug/m3	1.3	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	106%		%REC	60-140	1.5	296427	09/08/22 02:31	09/08/22 02:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-10-5	Lab ID: 468494-007	Collected: 09/02/22 10:35
	Matrix: Air	

468494-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**1.2**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Nitrogen	**84**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Methane	ND		%v/v	0.18	1.8	296534	09/08/22	09/08/22	JLL
Oxygen/Argon	**15**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1-Difluoroethane	ND		ug/m3	81	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Naphthalene	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Naphthalene	ND		ug/m3	160	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 12	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 12	ND		ug/m3	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 114	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 114	ND		ug/m3	42	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloromethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloromethane	ND		ug/m3	12	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Vinyl Chloride	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Vinyl Chloride	ND		ug/m3	15	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromomethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromomethane	ND		ug/m3	23	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloroethane	ND		ug/m3	16	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Trichlorofluoromethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Trichlorofluoromethane	ND		ug/m3	34	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1-Dichloroethene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1-Dichloroethene	ND		ug/m3	24	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 113	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Freon 113	ND		ug/m3	46	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Acetone	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Acetone	ND		ug/m3	71	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Carbon Disulfide	**25**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Carbon Disulfide	**78**		ug/m3	19	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Isopropanol (IPA)	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Isopropanol (IPA)	ND		ug/m3	74	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Methylene Chloride	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Methylene Chloride	ND		ug/m3	21	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
MTBE	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/m3	22	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
n-Hexane	**16**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
n-Hexane	**57**		ug/m3	21	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1-Dichloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1-Dichloroethane	ND		ug/m3	24	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Vinyl Acetate	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Vinyl Acetate	ND		ug/m3	110	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
2-Butanone	ND		ppbv	30	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
2-Butanone	ND		ug/m3	88	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloroform	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chloroform	ND		ug/m3	29	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	33	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Carbon Tetrachloride	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Carbon Tetrachloride	ND		ug/m3	38	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Benzene	**35**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Benzene	**110**		ug/m3	19	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichloroethane	ND		ug/m3	24	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Trichloroethene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Trichloroethene	ND		ug/m3	32	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichloropropane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichloropropane	ND		ug/m3	28	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromodichloromethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromodichloromethane	ND		ug/m3	40	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Toluene	**280**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Toluene	**1,100**		ug/m3	23	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	33	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Tetrachloroethene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Tetrachloroethene	ND		ug/m3	41	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
2-Hexanone	ND		ppbv	15	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
2-Hexanone	ND		ug/m3	61	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Dibromochloromethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Dibromochloromethane	ND		ug/m3	51	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dibromoethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dibromoethane	ND		ug/m3	46	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Chlorobenzene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ

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

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Analysis Results for 468494

468494-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/m3	28	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Ethylbenzene	**40**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Ethylbenzene	**180**		ug/m3	26	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
m,p-Xylenes	**110**		ppbv	12	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
m,p-Xylenes	**490**		ug/m3	52	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
o-Xylene	**42**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
o-Xylene	**180**		ug/m3	26	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Styrene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Styrene	ND		ug/m3	26	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromoform	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Bromoform	ND		ug/m3	62	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
4-Ethyltoluene	**7.6**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
4-Ethyltoluene	**37**		ug/m3	29	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,3,5-Trimethylbenzene	**10**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,3,5-Trimethylbenzene	**51**		ug/m3	29	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2,4-Trimethylbenzene	**20**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2,4-Trimethylbenzene	**97**		ug/m3	29	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	36	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	36	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Benzyl chloride	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Benzyl chloride	ND		ug/m3	31	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	36	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Hexachlorobutadiene	ND		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Hexachlorobutadiene	ND		ug/m3	64	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Xylene (total)	**160**		ppbv	6.0	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Xylene (total)	**680**		ug/m3	26	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	101%		%REC	60-140	30	296427	09/08/22 03:11	09/08/22 03:11	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-10-15	Lab ID: 468494-008	Collected: 09/02/22 10:35
	Matrix: Air	

468494-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.17	1.7	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**2.2**		%v/v	0.17	1.7	296534	09/08/22	09/08/22	MPD
Nitrogen	**86**		%v/v	0.17	1.7	296534	09/08/22	09/08/22	MPD
Methane	ND		%v/v	0.17	1.7	296534	09/08/22	09/08/22	JLL
Oxygen/Argon	**12**		%v/v	0.17	1.7	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Naphthalene	ND		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Naphthalene	ND		ug/m3	8.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 12	**0.65**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 12	**3.2**		ug/m3	1.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 114	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 114	ND		ug/m3	2.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloromethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloromethane	ND		ug/m3	0.68	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Vinyl Chloride	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Vinyl Chloride	ND		ug/m3	0.84	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromomethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromomethane	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloroethane	ND		ug/m3	0.87	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Trichlorofluoromethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Trichlorofluoromethane	ND		ug/m3	1.9	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1-Dichloroethene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 113	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Freon 113	ND		ug/m3	2.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Acetone	**22**		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Acetone	**52**		ug/m3	3.9	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Carbon Disulfide	**5.7**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Carbon Disulfide	**18**		ug/m3	1.0	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Isopropanol (IPA)	ND		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Isopropanol (IPA)	ND		ug/m3	4.1	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Methylene Chloride	**0.72**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Methylene Chloride	**2.5**		ug/m3	1.1	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
MTBE	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/m3	1.2	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
n-Hexane	**2.7**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
n-Hexane	**9.5**		ug/m3	1.2	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1-Dichloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Vinyl Acetate	ND		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Vinyl Acetate	ND		ug/m3	5.8	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
2-Butanone	**4.3**		ppbv	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
2-Butanone	**13**		ug/m3	4.9	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloroform	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chloroform	ND		ug/m3	1.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	1.8	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Carbon Tetrachloride	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.1	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Benzene	**5.9**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Benzene	**19**		ug/m3	1.1	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Trichloroethene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Trichloroethene	ND		ug/m3	1.8	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichloropropane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromodichloromethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromodichloromethane	ND		ug/m3	2.2	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
4-Methyl-2-Pentanone	**0.81**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
4-Methyl-2-Pentanone	**3.3**		ug/m3	1.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Toluene	**47**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Toluene	**180**		ug/m3	1.2	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	1.8	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Tetrachloroethene	**4.6**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Tetrachloroethene	**31**		ug/m3	2.2	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
2-Hexanone	ND		ppbv	0.83	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
2-Hexanone	ND		ug/m3	3.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Dibromochloromethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Dibromochloromethane	ND		ug/m3	2.8	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dibromoethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Chlorobenzene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/m3	1.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Ethylbenzene	**7.5**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Ethylbenzene	**32**		ug/m3	1.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
m,p-Xylenes	**27**		ppbv	0.66	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
m,p-Xylenes	**120**		ug/m3	2.9	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
o-Xylene	**9.2**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
o-Xylene	**40**		ug/m3	1.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Styrene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Styrene	ND		ug/m3	1.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromoform	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Bromoform	ND		ug/m3	3.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.3	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
4-Ethyltoluene	**2.2**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
4-Ethyltoluene	**11**		ug/m3	1.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,3,5-Trimethylbenzene	**2.8**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,3,5-Trimethylbenzene	**14**		ug/m3	1.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2,4-Trimethylbenzene	**6.1**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2,4-Trimethylbenzene	**30**		ug/m3	1.6	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.0	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.0	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Benzyl chloride	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Benzyl chloride	ND		ug/m3	1.7	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.0	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Hexachlorobutadiene	ND		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.5	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Xylene (total)	**36**		ppbv	0.33	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Xylene (total)	**160**		ug/m3	1.4	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	1.7	296539	09/08/22 23:56	09/08/22 23:56	ZNZ

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

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Analysis Results for 468494

Sample ID: SVP-10-25	Lab ID: 468494-009	Collected: 09/02/22 10:35
	Matrix: Air	

468494-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1945M Prep Method: METHOD									
Carbon Monoxide	ND		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Carbon Dioxide	**4.3**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Nitrogen	**94**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	MPD
Methane	**0.38**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	JLL
Oxygen/Argon	**1.4**		%v/v	0.18	1.8	296534	09/08/22	09/08/22	JLL
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1-Difluoroethane	ND		ug/m3	4.9	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Naphthalene	ND		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Naphthalene	ND		ug/m3	9.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 12	**0.60**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 12	**3.0**		ug/m3	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 114	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 114	ND		ug/m3	2.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloromethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloromethane	ND		ug/m3	0.74	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Vinyl Chloride	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Vinyl Chloride	ND		ug/m3	0.92	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromomethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromomethane	ND		ug/m3	1.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloroethane	ND		ug/m3	0.95	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Trichlorofluoromethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.0	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1-Dichloroethene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 113	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Freon 113	ND		ug/m3	2.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Acetone	**44**		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Acetone	**100**		ug/m3	4.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Carbon Disulfide	**9.3**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Carbon Disulfide	**29**		ug/m3	1.1	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Isopropanol (IPA)	**2.9**		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Isopropanol (IPA)	**7.2**		ug/m3	4.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Methylene Chloride	**0.90**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Methylene Chloride	**3.1**		ug/m3	1.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
MTBE	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
MTBE	ND		ug/m3	1.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
n-Hexane	**9.1**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
n-Hexane	**32**		ug/m3	1.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1-Dichloroethane	**1.3**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1-Dichloroethane	**5.2**		ug/m3	1.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Vinyl Acetate	ND		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Vinyl Acetate	ND		ug/m3	6.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
2-Butanone	**2.6**		ppbv	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
2-Butanone	**7.5**		ug/m3	5.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloroform	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chloroform	ND		ug/m3	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Carbon Tetrachloride	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.3	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Benzene	**0.83**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Benzene	**2.6**		ug/m3	1.2	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Trichloroethene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Trichloroethene	ND		ug/m3	1.9	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichloropropane	**0.51**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichloropropane	**2.3**		ug/m3	1.7	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromodichloromethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromodichloromethane	ND		ug/m3	2.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Toluene	**3.2**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Toluene	**12**		ug/m3	1.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Tetrachloroethene	**0.69**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Tetrachloroethene	**4.7**		ug/m3	2.4	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
2-Hexanone	ND		ppbv	0.90	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
2-Hexanone	ND		ug/m3	3.7	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Dibromochloromethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Dibromochloromethane	ND		ug/m3	3.1	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dibromoethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Chlorobenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/m3	1.7	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Ethylbenzene	**0.38**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Ethylbenzene	**1.6**		ug/m3	1.6	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
m,p-Xylenes	ND		ppbv	0.72	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
m,p-Xylenes	ND		ug/m3	3.1	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
o-Xylene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
o-Xylene	ND		ug/m3	1.6	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Styrene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Styrene	ND		ug/m3	1.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromoform	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Bromoform	ND		ug/m3	3.7	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
4-Ethyltoluene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
4-Ethyltoluene	ND		ug/m3	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2,4-Trimethylbenzene	**0.58**		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2,4-Trimethylbenzene	**2.8**		ug/m3	1.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.2	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.2	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Benzyl chloride	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.2	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.7	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Hexachlorobutadiene	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.8	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Xylene (total)	ND		ppbv	0.36	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Xylene (total)	ND		ug/m3	1.6	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	107%		%REC	60-140	1.8	296539	09/09/22 00:48	09/09/22 00:48	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-3-5	Lab ID: 468494-010	Collected: 09/02/22 13:00
	Matrix: Air	

468494-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1-Difluoroethane	ND		ug/m3	81	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Naphthalene	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Naphthalene	ND		ug/m3	160	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 12	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 12	ND		ug/m3	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 114	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 114	ND		ug/m3	42	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloromethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloromethane	ND		ug/m3	12	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Vinyl Chloride	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Vinyl Chloride	ND		ug/m3	15	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromomethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromomethane	ND		ug/m3	23	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloroethane	ND		ug/m3	16	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Trichlorofluoromethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Trichlorofluoromethane	ND		ug/m3	34	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 113	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Freon 113	ND		ug/m3	46	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Acetone	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Acetone	ND		ug/m3	71	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Carbon Disulfide	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Carbon Disulfide	ND		ug/m3	19	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Isopropanol (IPA)	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Isopropanol (IPA)	ND		ug/m3	74	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Methylene Chloride	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Methylene Chloride	ND		ug/m3	21	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
MTBE	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
MTBE	ND		ug/m3	22	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
n-Hexane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
n-Hexane	ND		ug/m3	21	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Vinyl Acetate	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Vinyl Acetate	ND		ug/m3	110	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
2-Butanone	ND		ppbv	30	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
2-Butanone	ND		ug/m3	88	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloroform	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chloroform	ND		ug/m3	29	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Carbon Tetrachloride	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Carbon Tetrachloride	ND		ug/m3	38	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Benzene	**11**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Benzene	**36**		ug/m3	19	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Trichloroethene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Trichloroethene	ND		ug/m3	32	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichloropropane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichloropropane	ND		ug/m3	28	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromodichloromethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromodichloromethane	ND		ug/m3	40	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Toluene	**120**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Toluene	**450**		ug/m3	23	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Tetrachloroethene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Tetrachloroethene	ND		ug/m3	41	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
2-Hexanone	ND		ppbv	15	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
2-Hexanone	ND		ug/m3	61	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Dibromochloromethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Dibromochloromethane	ND		ug/m3	51	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dibromoethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dibromoethane	ND		ug/m3	46	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Chlorobenzene	ND		ug/m3	28	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Ethylbenzene	**20**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Ethylbenzene	**87**		ug/m3	26	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
m,p-Xylenes	**72**		ppbv	12	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
m,p-Xylenes	**310**		ug/m3	52	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
o-Xylene	**22**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
o-Xylene	**97**		ug/m3	26	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Styrene	ND		ug/m3	26	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromoform	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Bromoform	ND		ug/m3	62	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
4-Ethyltoluene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
4-Ethyltoluene	ND		ug/m3	29	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	29	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2,4-Trimethylbenzene	**12**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2,4-Trimethylbenzene	**58**		ug/m3	29	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Benzyl chloride	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Benzyl chloride	ND		ug/m3	31	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Hexachlorobutadiene	ND		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Hexachlorobutadiene	ND		ug/m3	64	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Xylene (total)	**94**		ppbv	6.0	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Xylene (total)	**410**		ug/m3	26	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	30	296539	09/09/22 01:31	09/09/22 01:31	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-3-15	Lab ID: 468494-011	Collected: 09/02/22 13:00
	Matrix: Air	

468494-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1-Difluoroethane	ND		ug/m3	81	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Naphthalene	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Naphthalene	ND		ug/m3	160	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 12	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 12	ND		ug/m3	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 114	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 114	ND		ug/m3	42	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloromethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloromethane	ND		ug/m3	12	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Vinyl Chloride	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Vinyl Chloride	ND		ug/m3	15	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromomethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromomethane	ND		ug/m3	23	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloroethane	ND		ug/m3	16	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Trichlorofluoromethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Trichlorofluoromethane	ND		ug/m3	34	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 113	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Freon 113	ND		ug/m3	46	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Acetone	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Acetone	ND		ug/m3	71	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Carbon Disulfide	**25**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Carbon Disulfide	**79**		ug/m3	19	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Isopropanol (IPA)	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Isopropanol (IPA)	ND		ug/m3	74	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Methylene Chloride	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Methylene Chloride	ND		ug/m3	21	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
MTBE	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
MTBE	ND		ug/m3	22	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
n-Hexane	**40**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
n-Hexane	**140**		ug/m3	21	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Vinyl Acetate	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Vinyl Acetate	ND		ug/m3	110	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
2-Butanone	ND		ppbv	30	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
2-Butanone	ND		ug/m3	88	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloroform	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chloroform	ND		ug/m3	29	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Carbon Tetrachloride	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Carbon Tetrachloride	ND		ug/m3	38	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Benzene	**49**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Benzene	**160**		ug/m3	19	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Trichloroethene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Trichloroethene	ND		ug/m3	32	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichloropropane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichloropropane	ND		ug/m3	28	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromodichloromethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromodichloromethane	ND		ug/m3	40	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Toluene	**300**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Toluene	**1,100**		ug/m3	23	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Tetrachloroethene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Tetrachloroethene	ND		ug/m3	41	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
2-Hexanone	ND		ppbv	15	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
2-Hexanone	ND		ug/m3	61	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Dibromochloromethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Dibromochloromethane	ND		ug/m3	51	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dibromoethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dibromoethane	ND		ug/m3	46	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Chlorobenzene	ND		ug/m3	28	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Ethylbenzene	**37**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Ethylbenzene	**160**		ug/m3	26	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
m,p-Xylenes	**120**		ppbv	12	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
m,p-Xylenes	**510**		ug/m3	52	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
o-Xylene	**37**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
o-Xylene	**160**		ug/m3	26	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Styrene	ND		ug/m3	26	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromoform	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Bromoform	ND		ug/m3	62	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
4-Ethyltoluene	**7.2**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
4-Ethyltoluene	**36**		ug/m3	29	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,3,5-Trimethylbenzene	**9.5**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,3,5-Trimethylbenzene	**47**		ug/m3	29	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2,4-Trimethylbenzene	**19**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2,4-Trimethylbenzene	**94**		ug/m3	29	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Benzyl chloride	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Benzyl chloride	ND		ug/m3	31	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Hexachlorobutadiene	ND		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Hexachlorobutadiene	ND		ug/m3	64	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Xylene (total)	**150**		ppbv	6.0	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Xylene (total)	**670**		ug/m3	26	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	87%		%REC	60-140	30	296539	09/09/22 02:14	09/09/22 02:14	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-3-27	Lab ID: 468494-012	Collected: 09/02/22 13:00
	Matrix: Air	

468494-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**2,900**		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1-Difluoroethane	**7,900**		ug/m3	200	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Naphthalene	ND		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Naphthalene	ND		ug/m3	390	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 12	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 12	ND		ug/m3	74	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 114	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 114	ND		ug/m3	100	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloromethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloromethane	ND		ug/m3	31	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Vinyl Chloride	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Vinyl Chloride	ND		ug/m3	38	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromomethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromomethane	ND		ug/m3	58	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloroethane	ND		ug/m3	40	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Trichlorofluoromethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Trichlorofluoromethane	ND		ug/m3	84	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1-Dichloroethene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1-Dichloroethene	ND		ug/m3	59	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 113	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Freon 113	ND		ug/m3	110	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Acetone	ND		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Acetone	ND		ug/m3	180	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Carbon Disulfide	**60**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Carbon Disulfide	**190**		ug/m3	47	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Isopropanol (IPA)	ND		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Isopropanol (IPA)	ND		ug/m3	180	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Methylene Chloride	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Methylene Chloride	ND		ug/m3	52	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	59	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
MTBE	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
MTBE	ND		ug/m3	54	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
n-Hexane	**200**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
n-Hexane	**710**		ug/m3	53	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1-Dichloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1-Dichloroethane	ND		ug/m3	61	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Vinyl Acetate	ND		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Vinyl Acetate	ND		ug/m3	260	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	59	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
2-Butanone	ND		ppbv	75	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
2-Butanone	ND		ug/m3	220	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloroform	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chloroform	ND		ug/m3	73	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,1-Trichloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	82	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Carbon Tetrachloride	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Carbon Tetrachloride	ND		ug/m3	94	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Benzene	**53**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Benzene	**170**		ug/m3	48	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichloroethane	ND		ug/m3	61	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Trichloroethene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Trichloroethene	ND		ug/m3	81	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichloropropane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichloropropane	ND		ug/m3	69	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromodichloromethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromodichloromethane	ND		ug/m3	100	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	68	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	61	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Toluene	**240**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Toluene	**920**		ug/m3	57	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	68	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,2-Trichloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	82	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Tetrachloroethene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Tetrachloroethene	ND		ug/m3	100	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
2-Hexanone	ND		ppbv	38	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
2-Hexanone	ND		ug/m3	150	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Dibromochloromethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Dibromochloromethane	ND		ug/m3	130	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dibromoethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dibromoethane	ND		ug/m3	120	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chlorobenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Chlorobenzene	ND		ug/m3	69	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Ethylbenzene	**33**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Ethylbenzene	**140**		ug/m3	65	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
m,p-Xylenes	**110**		ppbv	30	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
m,p-Xylenes	**460**		ug/m3	130	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
o-Xylene	**31**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
o-Xylene	**130**		ug/m3	65	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Styrene	ND		ug/m3	64	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromoform	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Bromoform	ND		ug/m3	160	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	100	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	100	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
4-Ethyltoluene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
4-Ethyltoluene	ND		ug/m3	74	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	74	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	74	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,3-Dichlorobenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	90	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,4-Dichlorobenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	90	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Benzyl chloride	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Benzyl chloride	ND		ug/m3	78	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichlorobenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	90	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	110	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Hexachlorobutadiene	ND		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Hexachlorobutadiene	ND		ug/m3	160	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Xylene (total)	**140**		ppbv	15	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Xylene (total)	**600**		ug/m3	65	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	97%		%REC	60-140	75	296539	09/09/22 03:07	09/09/22 03:07	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-4-5	Lab ID: 468494-013	Collected: 09/02/22 11:50
	Matrix: Air	

468494-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1-Difluoroethane	ND		ug/m3	81	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Naphthalene	ND		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Naphthalene	ND		ug/m3	160	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 12	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 12	ND		ug/m3	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 114	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 114	ND		ug/m3	42	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloromethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloromethane	ND		ug/m3	12	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Vinyl Chloride	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Vinyl Chloride	ND		ug/m3	15	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromomethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromomethane	ND		ug/m3	23	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloroethane	ND		ug/m3	16	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Trichlorofluoromethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Trichlorofluoromethane	ND		ug/m3	34	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 113	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Freon 113	ND		ug/m3	46	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Acetone	**44**		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Acetone	**100**		ug/m3	71	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Carbon Disulfide	**15**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Carbon Disulfide	**45**		ug/m3	19	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Isopropanol (IPA)	ND		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Isopropanol (IPA)	ND		ug/m3	74	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Methylene Chloride	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Methylene Chloride	ND		ug/m3	21	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
MTBE	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
MTBE	ND		ug/m3	22	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
n-Hexane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
n-Hexane	ND		ug/m3	21	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Vinyl Acetate	ND		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Vinyl Acetate	ND		ug/m3	110	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	24	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
2-Butanone	ND		ppbv	30	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
2-Butanone	ND		ug/m3	88	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloroform	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chloroform	ND		ug/m3	29	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,1-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Carbon Tetrachloride	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Carbon Tetrachloride	ND		ug/m3	38	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Benzene	**18**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Benzene	**59**		ug/m3	19	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichloroethane	ND		ug/m3	24	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Trichloroethene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Trichloroethene	ND		ug/m3	32	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichloropropane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichloropropane	ND		ug/m3	28	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromodichloromethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromodichloromethane	ND		ug/m3	40	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	25	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Toluene	**230**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Toluene	**850**		ug/m3	23	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	27	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,2-Trichloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	33	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Tetrachloroethene	**200**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Tetrachloroethene	**1,300**		ug/m3	41	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
2-Hexanone	ND		ppbv	15	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
2-Hexanone	ND		ug/m3	61	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Dibromochloromethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Dibromochloromethane	ND		ug/m3	51	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dibromoethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dibromoethane	ND		ug/m3	46	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Chlorobenzene	ND		ug/m3	28	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Ethylbenzene	**39**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Ethylbenzene	**170**		ug/m3	26	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
m,p-Xylenes	**140**		ppbv	12	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
m,p-Xylenes	**600**		ug/m3	52	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
o-Xylene	**45**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
o-Xylene	**190**		ug/m3	26	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Styrene	ND		ug/m3	26	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromoform	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Bromoform	ND		ug/m3	62	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	41	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
4-Ethyltoluene	**11**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
4-Ethyltoluene	**56**		ug/m3	29	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,3,5-Trimethylbenzene	**12**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,3,5-Trimethylbenzene	**61**		ug/m3	29	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2,4-Trimethylbenzene	**29**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2,4-Trimethylbenzene	**140**		ug/m3	29	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,3-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,4-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Benzyl chloride	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Benzyl chloride	ND		ug/m3	31	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	36	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	45	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Hexachlorobutadiene	ND		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Hexachlorobutadiene	ND		ug/m3	64	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Xylene (total)	**180**		ppbv	6.0	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Xylene (total)	**790**		ug/m3	26	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	79%		%REC	60-140	30	296539	09/09/22 03:50	09/09/22 03:50	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-4-15	Lab ID: 468494-014	Collected: 09/02/22 11:50
	Matrix: Air	

468494-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**6.0**		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1-Difluoroethane	**16**		ug/m3	10	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Naphthalene	ND		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Naphthalene	ND		ug/m3	20	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 12	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 12	ND		ug/m3	3.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 114	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 114	ND		ug/m3	5.2	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloromethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloromethane	ND		ug/m3	1.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Vinyl Chloride	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Vinyl Chloride	ND		ug/m3	1.9	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromomethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromomethane	ND		ug/m3	2.9	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloroethane	ND		ug/m3	2.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Trichlorofluoromethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Trichlorofluoromethane	ND		ug/m3	4.2	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1-Dichloroethene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1-Dichloroethene	ND		ug/m3	3.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 113	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Freon 113	ND		ug/m3	5.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Acetone	**70**		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Acetone	**170**		ug/m3	8.9	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Carbon Disulfide	**4.3**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Carbon Disulfide	**13**		ug/m3	2.3	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Isopropanol (IPA)	ND		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Isopropanol (IPA)	ND		ug/m3	9.2	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Methylene Chloride	**1.0**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Methylene Chloride	**3.5**		ug/m3	2.6	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	3.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
MTBE	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
MTBE	ND		ug/m3	2.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
n-Hexane	**3.4**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
n-Hexane	**12**		ug/m3	2.6	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1-Dichloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1-Dichloroethane	ND		ug/m3	3.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Vinyl Acetate	ND		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Vinyl Acetate	ND		ug/m3	13	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	3.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
2-Butanone	**11**		ppbv	3.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
2-Butanone	**32**		ug/m3	11	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloroform	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chloroform	ND		ug/m3	3.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	4.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Carbon Tetrachloride	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Carbon Tetrachloride	ND		ug/m3	4.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Benzene	**6.8**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Benzene	**22**		ug/m3	2.4	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichloroethane	ND		ug/m3	3.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Trichloroethene	**0.94**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Trichloroethene	**5.1**		ug/m3	4.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichloropropane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichloropropane	ND		ug/m3	3.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromodichloromethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromodichloromethane	ND		ug/m3	5.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	3.4	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
4-Methyl-2-Pentanone	**1.1**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
4-Methyl-2-Pentanone	**4.6**		ug/m3	3.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Toluene	**89**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Toluene	**340**		ug/m3	2.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	3.4	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	4.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Tetrachloroethene	**92**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Tetrachloroethene	**630**		ug/m3	5.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
2-Hexanone	ND		ppbv	1.9	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
2-Hexanone	ND		ug/m3	7.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Dibromochloromethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Dibromochloromethane	ND		ug/m3	6.4	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dibromoethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dibromoethane	ND		ug/m3	5.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chlorobenzene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Chlorobenzene	ND		ug/m3	3.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Ethylbenzene	**18**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Ethylbenzene	**77**		ug/m3	3.3	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
m,p-Xylenes	**66**		ppbv	1.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
m,p-Xylenes	**290**		ug/m3	6.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
o-Xylene	**22**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
o-Xylene	**94**		ug/m3	3.3	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Styrene	ND		ug/m3	3.2	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromoform	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Bromoform	ND		ug/m3	7.8	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	5.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	5.1	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
4-Ethyltoluene	**6.1**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
4-Ethyltoluene	**30**		ug/m3	3.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,3,5-Trimethylbenzene	**6.4**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,3,5-Trimethylbenzene	**32**		ug/m3	3.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2,4-Trimethylbenzene	**15**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2,4-Trimethylbenzene	**72**		ug/m3	3.7	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	4.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	4.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Benzyl chloride	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Benzyl chloride	ND		ug/m3	3.9	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	4.5	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	5.6	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Hexachlorobutadiene	ND		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Hexachlorobutadiene	ND		ug/m3	8.0	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Xylene (total)	**88**		ppbv	0.75	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Xylene (total)	**380**		ug/m3	3.3	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	91%		%REC	60-140	3.8	296539	09/09/22 10:24	09/09/22 10:24	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

Sample ID: SVP-4-25	Lab ID: 468494-015	Collected: 09/02/22 11:50
	Matrix: Air	

468494-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**61**		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1-Difluoroethane	**170**		ug/m3	5.1	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Naphthalene	ND		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Naphthalene	ND		ug/m3	9.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 12	**0.54**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 12	**2.7**		ug/m3	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 114	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 114	ND		ug/m3	2.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloromethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloromethane	ND		ug/m3	0.77	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Vinyl Chloride	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Vinyl Chloride	ND		ug/m3	0.96	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromomethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromomethane	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloroethane	ND		ug/m3	0.99	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Trichlorofluoromethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.1	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1-Dichloroethene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 113	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Freon 113	ND		ug/m3	2.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Acetone	**6.9**		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Acetone	**16**		ug/m3	4.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Carbon Disulfide	**1.8**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Carbon Disulfide	**5.6**		ug/m3	1.2	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Isopropanol (IPA)	ND		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Isopropanol (IPA)	ND		ug/m3	4.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Methylene Chloride	**0.65**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Methylene Chloride	**2.3**		ug/m3	1.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
MTBE	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
MTBE	ND		ug/m3	1.4	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
n-Hexane	**14**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
n-Hexane	**48**		ug/m3	1.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1-Dichloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Vinyl Acetate	ND		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Vinyl Acetate	ND		ug/m3	6.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
2-Butanone	**2.2**		ppbv	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
2-Butanone	**6.4**		ug/m3	5.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloroform	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chloroform	ND		ug/m3	1.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Carbon Tetrachloride	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.4	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Benzene	**0.94**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Benzene	**3.0**		ug/m3	1.2	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Trichloroethene	**8.3**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Trichloroethene	**45**		ug/m3	2.0	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichloropropane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.7	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromodichloromethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromodichloromethane	ND		ug/m3	2.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.7	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
4-Methyl-2-Pentanone	**1.0**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
4-Methyl-2-Pentanone	**4.3**		ug/m3	1.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Toluene	**4.6**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Toluene	**17**		ug/m3	1.4	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.7	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Tetrachloroethene	**11**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Tetrachloroethene	**73**		ug/m3	2.5	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
2-Hexanone	ND		ppbv	0.94	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
2-Hexanone	ND		ug/m3	3.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Dibromochloromethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Dibromochloromethane	ND		ug/m3	3.2	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dibromoethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chlorobenzene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Chlorobenzene	ND		ug/m3	1.7	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Ethylbenzene	**0.86**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Ethylbenzene	**3.8**		ug/m3	1.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
m,p-Xylenes	**2.8**		ppbv	0.75	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
m,p-Xylenes	**12**		ug/m3	3.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
o-Xylene	**0.95**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
o-Xylene	**4.1**		ug/m3	1.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Styrene	ND		ug/m3	1.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromoform	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Bromoform	ND		ug/m3	3.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	2.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
4-Ethyltoluene	**0.38**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
4-Ethyltoluene	**1.8**		ug/m3	1.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,3,5-Trimethylbenzene	**0.41**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,3,5-Trimethylbenzene	**2.0**		ug/m3	1.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2,4-Trimethylbenzene	**0.80**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2,4-Trimethylbenzene	**3.9**		ug/m3	1.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Benzyl chloride	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.3	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.8	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Hexachlorobutadiene	ND		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.0	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Xylene (total)	**3.8**		ppbv	0.38	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Xylene (total)	**16**		ug/m3	1.6	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	95%		%REC	60-140	1.9	296539	09/09/22 11:15	09/09/22 11:15	ZNZ

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

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Analysis Results for 468494

Sample ID: SVP-6-5-DUP	Lab ID: 468494-016	Collected: 09/02/22 09:44
	Matrix: Air	

468494-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**38**		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1-Difluoroethane	**100**		ug/m3	19	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Naphthalene	ND		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Naphthalene	ND		ug/m3	36	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 12	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 12	ND		ug/m3	6.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 114	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 114	ND		ug/m3	9.6	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloromethane	**2.0**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloromethane	**4.2**		ug/m3	2.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Vinyl Chloride	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Vinyl Chloride	ND		ug/m3	3.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromomethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromomethane	ND		ug/m3	5.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloroethane	ND		ug/m3	3.6	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Trichlorofluoromethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Trichlorofluoromethane	ND		ug/m3	7.7	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1-Dichloroethene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1-Dichloroethene	ND		ug/m3	5.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 113	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Freon 113	ND		ug/m3	11	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Acetone	**23**		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Acetone	**54**		ug/m3	16	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Carbon Disulfide	**3.2**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Carbon Disulfide	**10**		ug/m3	4.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Isopropanol (IPA)	ND		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Isopropanol (IPA)	ND		ug/m3	17	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Methylene Chloride	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Methylene Chloride	ND		ug/m3	4.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	5.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
MTBE	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
MTBE	ND		ug/m3	5.0	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
n-Hexane	**5.5**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
n-Hexane	**19**		ug/m3	4.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1-Dichloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1-Dichloroethane	ND		ug/m3	5.6	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Vinyl Acetate	ND		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Vinyl Acetate	ND		ug/m3	24	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	5.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
2-Butanone	**43**		ppbv	6.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
2-Butanone	**130**		ug/m3	20	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloroform	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chloroform	ND		ug/m3	6.7	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,1-Trichloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	7.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Carbon Tetrachloride	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Carbon Tetrachloride	ND		ug/m3	8.7	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Benzene	**8.2**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Benzene	**26**		ug/m3	4.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichloroethane	ND		ug/m3	5.6	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Trichloroethene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Trichloroethene	ND		ug/m3	7.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichloropropane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichloropropane	ND		ug/m3	6.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromodichloromethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromodichloromethane	ND		ug/m3	9.2	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	6.2	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	5.6	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Toluene	**52**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Toluene	**190**		ug/m3	5.2	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	6.2	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,2-Trichloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	7.5	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Tetrachloroethene	**2.3**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Tetrachloroethene	**16**		ug/m3	9.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
2-Hexanone	ND		ppbv	3.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
2-Hexanone	ND		ug/m3	14	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Dibromochloromethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Dibromochloromethane	ND		ug/m3	12	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dibromoethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dibromoethane	ND		ug/m3	11	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chlorobenzene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Chlorobenzene	ND		ug/m3	6.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Ethylbenzene	**6.2**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Ethylbenzene	**27**		ug/m3	6.0	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
m,p-Xylenes	**23**		ppbv	2.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
m,p-Xylenes	**98**		ug/m3	12	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
o-Xylene	**6.9**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
o-Xylene	**30**		ug/m3	6.0	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Styrene	ND		ug/m3	5.9	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromoform	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Bromoform	ND		ug/m3	14	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	9.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	9.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
4-Ethyltoluene	**2.1**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
4-Ethyltoluene	**10**		ug/m3	6.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,3,5-Trimethylbenzene	**2.5**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,3,5-Trimethylbenzene	**12**		ug/m3	6.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2,4-Trimethylbenzene	**6.3**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2,4-Trimethylbenzene	**31**		ug/m3	6.8	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,3-Dichlorobenzene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	8.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,4-Dichlorobenzene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	8.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Benzyl chloride	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Benzyl chloride	ND		ug/m3	7.1	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichlorobenzene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	8.3	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	10	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Hexachlorobutadiene	ND		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Hexachlorobutadiene	ND		ug/m3	15	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Xylene (total)	**30**		ppbv	1.4	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Xylene (total)	**130**		ug/m3	6.0	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	71%		%REC	60-140	6.9	296539	09/09/22 12:47	09/09/22 12:47	ZNZ

Sample ID: SVP-6-SHROUD **Lab ID: 468494-017** **Collected: 09/02/22 09:34**
Matrix: Air

468494-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**1,400,000**		ppbv	38,000	38000	296539	09/09/22 12:01	09/09/22 12:01	ZNZ
1,1-Difluoroethane	**3,900,000**		ug/m3	100,000	38000	296539	09/09/22 12:01	09/09/22 12:01	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	92%		%REC	60-140	38000	296539	09/09/22 12:01	09/09/22 12:01	ZNZ

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

Analysis Results for 468494

Sample ID: SVP-4-SHROUD	Lab ID: 468494-018	Collected: 09/02/22 11:50
	Matrix: Air	

468494-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**5,400,000**		ppbv	300,000	300000	296539	09/09/22 13:30	09/09/22 13:30	DJL
1,1-Difluoroethane	**15,000,000**		ug/m3	810,000	300000	296539	09/09/22 13:30	09/09/22 13:30	DJL
Surrogates				**Limits**					
Bromofluorobenzene	99%		%REC	60-140	300000	296539	09/09/22 13:30	09/09/22 13:30	DJL

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

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Analysis Results for 468494

Sample ID: SVP-3-5-DUP	Lab ID: 468494-019	Collected: 09/02/22 13:08
	Matrix: Air	

468494-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**3,500**		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1-Difluoroethane	**9,400**		ug/m3	410	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Naphthalene	ND		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Naphthalene	ND		ug/m3	790	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 12	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 12	ND		ug/m3	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 114	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 114	ND		ug/m3	210	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloromethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloromethane	ND		ug/m3	62	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Vinyl Chloride	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Vinyl Chloride	ND		ug/m3	77	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromomethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromomethane	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloroethane	ND		ug/m3	79	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Trichlorofluoromethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Trichlorofluoromethane	ND		ug/m3	170	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1-Dichloroethene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1-Dichloroethene	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 113	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Freon 113	ND		ug/m3	230	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Acetone	ND		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Acetone	ND		ug/m3	360	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Carbon Disulfide	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Carbon Disulfide	ND		ug/m3	93	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Isopropanol (IPA)	ND		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Isopropanol (IPA)	ND		ug/m3	370	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Methylene Chloride	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Methylene Chloride	ND		ug/m3	100	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
trans-1,2-Dichloroethene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
trans-1,2-Dichloroethene	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
MTBE	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
MTBE	ND		ug/m3	110	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
n-Hexane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
n-Hexane	ND		ug/m3	110	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1-Dichloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1-Dichloroethane	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Vinyl Acetate	ND		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Vinyl Acetate	ND		ug/m3	530	150	296539	09/09/22 14:22	09/09/22 14:22	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
cis-1,2-Dichloroethene	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
2-Butanone	ND		ppbv	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
2-Butanone	ND		ug/m3	440	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloroform	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chloroform	ND		ug/m3	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,1-Trichloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,1-Trichloroethane	ND		ug/m3	160	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Carbon Tetrachloride	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Carbon Tetrachloride	ND		ug/m3	190	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Benzene	**32**		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Benzene	**100**		ug/m3	96	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichloroethane	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Trichloroethene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Trichloroethene	ND		ug/m3	160	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichloropropane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichloropropane	ND		ug/m3	140	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromodichloromethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromodichloromethane	ND		ug/m3	200	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
cis-1,3-Dichloropropene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
cis-1,3-Dichloropropene	ND		ug/m3	140	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
4-Methyl-2-Pentanone	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
4-Methyl-2-Pentanone	ND		ug/m3	120	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Toluene	**240**		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Toluene	**910**		ug/m3	110	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
trans-1,3-Dichloropropene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
trans-1,3-Dichloropropene	ND		ug/m3	140	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,2-Trichloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,2-Trichloroethane	ND		ug/m3	160	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Tetrachloroethene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Tetrachloroethene	ND		ug/m3	200	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
2-Hexanone	ND		ppbv	75	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
2-Hexanone	ND		ug/m3	310	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Dibromochloromethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Dibromochloromethane	ND		ug/m3	260	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dibromoethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dibromoethane	ND		ug/m3	230	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chlorobenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Chlorobenzene	ND		ug/m3	140	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Ethylbenzene	**33**		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Ethylbenzene	**140**		ug/m3	130	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
m,p-Xylenes	**110**		ppbv	60	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
m,p-Xylenes	**490**		ug/m3	260	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
o-Xylene	**39**		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
o-Xylene	**170**		ug/m3	130	150	296539	09/09/22 14:22	09/09/22 14:22	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468494

468494-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Styrene	ND		ug/m3	130	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromoform	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Bromoform	ND		ug/m3	310	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	210	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	210	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
4-Ethyltoluene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
4-Ethyltoluene	ND		ug/m3	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,3,5-Trimethylbenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2,4-Trimethylbenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2,4-Trimethylbenzene	ND		ug/m3	150	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,3-Dichlorobenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,3-Dichlorobenzene	ND		ug/m3	180	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,4-Dichlorobenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,4-Dichlorobenzene	ND		ug/m3	180	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Benzyl chloride	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Benzyl chloride	ND		ug/m3	160	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichlorobenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2-Dichlorobenzene	ND		ug/m3	180	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2,4-Trichlorobenzene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	220	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Hexachlorobutadiene	ND		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Hexachlorobutadiene	ND		ug/m3	320	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Xylene (total)	**150**		ppbv	30	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Xylene (total)	**660**		ug/m3	130	150	296539	09/09/22 14:22	09/09/22 14:22	DJL
Surrogates				**Limits**					
Bromofluorobenzene	97%		%REC	60-140	150	296539	09/09/22 14:22	09/09/22 14:22	DJL

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	**Lab ID:** QC1011509	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011509 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Carbon Monoxide	6.943	7.000	%v/v	99%		85-115
Carbon Dioxide	15.01	15.00	%v/v	100%		85-115
Methane	4.073	4.000	%v/v	102%		85-115
Oxygen/Argon	4.070	4.000	%v/v	102%		85-115

Type: Lab Control Sample Duplicate	**Lab ID:** QC1011510	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Carbon Monoxide	6.928	7.000	%v/v	99%		85-115	0	10
Carbon Dioxide	14.99	15.00	%v/v	100%		85-115	0	10
Methane	4.050	4.000	%v/v	101%		85-115	1	10
Oxygen/Argon	4.058	4.000	%v/v	101%		85-115	0	10

Type: Blank	**Lab ID:** QC1011511	**Batch:** 296534
Matrix: Air	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011511 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Carbon Monoxide	ND		%v/v	0.10	09/08/22	09/08/22
Carbon Dioxide	ND		%v/v	0.10	09/08/22	09/08/22
Nitrogen	ND		%v/v	0.10	09/08/22	09/08/22
Methane	ND		%v/v	0.10	09/08/22	09/08/22
Oxygen/Argon	ND		%v/v	0.10	09/08/22	09/08/22

Type: Sample Duplicate	**Lab ID:** QC1011512	**Batch:** 296534
Matrix (Source ID): Air (468494-007)	**Method:** ASTM D1945M	**Prep Method:** METHOD

QC1011512 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Carbon Monoxide	ND	ND	%v/v			20	1.8
Carbon Dioxide	1.219	1.218	%v/v		0	20	1.8
Nitrogen	84.22	84.21	%v/v		0	20	1.8
Methane	ND	ND	%v/v			20	1.8
Oxygen/Argon	14.53	14.53	%v/v		0	20	1.8

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1011513**	**Batch:**	**296534**
Matrix (Source ID):	**Air (468650-001)**	**Method:**	**ASTM D1945M**	**Prep Method:**	**METHOD**

QC1011513 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Carbon Monoxide	ND	ND	%v/v			20	2
Carbon Dioxide	ND	ND	%v/v			20	2
Nitrogen	94.66	94.65	%v/v		0	20	2
Methane	ND	ND	%v/v		0	20	2
Oxygen/Argon	5.343	5.346	%v/v		0	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1010989**	**Batch:**	**296369**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1010989 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	9.098	10.00	ppbv	91%		70-130
Naphthalene	12.04	10.00	ppbv	120%		70-130
Freon 12	9.528	10.00	ppbv	95%		70-130
Freon 114	9.572	10.00	ppbv	96%		70-130
Chloromethane	7.993	10.00	ppbv	80%		70-130
Vinyl Chloride	8.820	10.00	ppbv	88%		70-130
Bromomethane	9.135	10.00	ppbv	91%		70-130
Chloroethane	7.299	10.00	ppbv	73%		70-130
Trichlorofluoromethane	9.898	10.00	ppbv	99%		70-130
1,1-Dichloroethene	9.251	10.00	ppbv	93%		70-130
Freon 113	9.687	10.00	ppbv	97%		70-130
Acetone	8.320	10.00	ppbv	83%		70-130
Carbon Disulfide	8.629	10.00	ppbv	86%		70-130
Isopropanol (IPA)	9.199	10.00	ppbv	92%		70-130
Methylene Chloride	7.782	10.00	ppbv	78%		70-130
trans-1,2-Dichloroethene	9.334	10.00	ppbv	93%		70-130
MTBE	10.20	10.00	ppbv	102%		70-130
n-Hexane	9.030	10.00	ppbv	90%		70-130
1,1-Dichloroethane	9.275	10.00	ppbv	93%		70-130
Vinyl Acetate	8.475	10.00	ppbv	85%		70-130
cis-1,2-Dichloroethene	9.383	10.00	ppbv	94%		70-130
2-Butanone	9.530	10.00	ppbv	95%		70-130
Chloroform	9.703	10.00	ppbv	97%		70-130
1,1,1-Trichloroethane	10.46	10.00	ppbv	105%		70-130
Carbon Tetrachloride	10.56	10.00	ppbv	106%		70-130
Benzene	9.460	10.00	ppbv	95%		70-130
1,2-Dichloroethane	10.12	10.00	ppbv	101%		70-130
Trichloroethene	9.635	10.00	ppbv	96%		70-130
1,2-Dichloropropane	8.626	10.00	ppbv	86%		70-130
Bromodichloromethane	9.862	10.00	ppbv	99%		70-130
cis-1,3-Dichloropropene	10.58	10.00	ppbv	106%		70-130
4-Methyl-2-Pentanone	9.870	10.00	ppbv	99%		70-130
Toluene	10.21	10.00	ppbv	102%		70-130
trans-1,3-Dichloropropene	10.68	10.00	ppbv	107%		70-130
1,1,2-Trichloroethane	9.871	10.00	ppbv	99%		70-130
Tetrachloroethene	10.05	10.00	ppbv	101%		70-130
2-Hexanone	11.08	10.00	ppbv	111%	b	70-130
Dibromochloromethane	10.74	10.00	ppbv	107%		70-130
1,2-Dibromoethane	10.32	10.00	ppbv	103%		70-130
Chlorobenzene	9.748	10.00	ppbv	97%		70-130
Ethylbenzene	9.390	10.00	ppbv	94%		70-130
m,p-Xylenes	19.75	20.00	ppbv	99%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1010989 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	10.19	10.00	ppbv	102%		70-130
Styrene	11.05	10.00	ppbv	110%		70-130
Bromoform	10.77	10.00	ppbv	108%		70-130
1,1,2,2-Tetrachloroethane	9.695	10.00	ppbv	97%		70-130
1,1,1,2-Tetrachloroethane	10.02	10.00	ppbv	100%		70-130
4-Ethyltoluene	10.90	10.00	ppbv	109%		70-130
1,3,5-Trimethylbenzene	10.80	10.00	ppbv	108%		70-130
1,2,4-Trimethylbenzene	10.68	10.00	ppbv	107%		70-130
1,3-Dichlorobenzene	10.60	10.00	ppbv	106%		70-130
1,4-Dichlorobenzene	11.26	10.00	ppbv	113%		70-130
Benzyl chloride	12.31	10.00	ppbv	123%		70-130
1,2-Dichlorobenzene	10.39	10.00	ppbv	104%		70-130
1,2,4-Trichlorobenzene	11.74	10.00	ppbv	117%		70-130
Hexachlorobutadiene	10.35	10.00	ppbv	103%		70-130
Surrogates						
Bromofluorobenzene	10.49	10.00	ppbv	105%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1010990**	**Batch:**	**296369**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1010990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	9.603	10.00	ppbv	96%		70-130	5	25
Naphthalene	13.15	10.00	ppbv	131%	*	70-130	9	25
Freon 12	10.20	10.00	ppbv	102%		70-130	7	25
Freon 114	10.15	10.00	ppbv	102%		70-130	6	25
Chloromethane	8.308	10.00	ppbv	83%		70-130	4	25
Vinyl Chloride	9.191	10.00	ppbv	92%		70-130	4	25
Bromomethane	9.627	10.00	ppbv	96%		70-130	5	25
Chloroethane	9.235	10.00	ppbv	92%		70-130	23	25
Trichlorofluoromethane	10.70	10.00	ppbv	107%		70-130	8	25
1,1-Dichloroethene	9.950	10.00	ppbv	99%		70-130	7	25
Freon 113	10.24	10.00	ppbv	102%		70-130	6	25
Acetone	8.717	10.00	ppbv	87%		70-130	5	25
Carbon Disulfide	9.031	10.00	ppbv	90%		70-130	5	25
Isopropanol (IPA)	9.859	10.00	ppbv	99%		70-130	7	25
Methylene Chloride	8.059	10.00	ppbv	81%		70-130	3	25
trans-1,2-Dichloroethene	9.834	10.00	ppbv	98%		70-130	5	25
MTBE	10.81	10.00	ppbv	108%		70-130	6	25
n-Hexane	9.545	10.00	ppbv	95%		70-130	6	25
1,1-Dichloroethane	9.781	10.00	ppbv	98%		70-130	5	25
Vinyl Acetate	9.029	10.00	ppbv	90%		70-130	6	25
cis-1,2-Dichloroethene	9.798	10.00	ppbv	98%		70-130	4	25
2-Butanone	10.27	10.00	ppbv	103%		70-130	8	25
Chloroform	10.28	10.00	ppbv	103%		70-130	6	25
1,1,1-Trichloroethane	11.06	10.00	ppbv	111%		70-130	6	25
Carbon Tetrachloride	11.19	10.00	ppbv	112%		70-130	6	25
Benzene	9.960	10.00	ppbv	100%		70-130	5	25
1,2-Dichloroethane	10.73	10.00	ppbv	107%		70-130	6	25
Trichloroethene	10.05	10.00	ppbv	100%		70-130	4	25
1,2-Dichloropropane	8.773	10.00	ppbv	88%		70-130	2	25
Bromodichloromethane	10.26	10.00	ppbv	103%		70-130	4	25
cis-1,3-Dichloropropene	10.96	10.00	ppbv	110%		70-130	3	25
4-Methyl-2-Pentanone	10.26	10.00	ppbv	103%		70-130	4	25
Toluene	10.59	10.00	ppbv	106%		70-130	4	25
trans-1,3-Dichloropropene	10.81	10.00	ppbv	108%		70-130	1	25
1,1,2-Trichloroethane	10.21	10.00	ppbv	102%		70-130	3	25
Tetrachloroethene	10.36	10.00	ppbv	104%		70-130	3	25
2-Hexanone	11.52	10.00	ppbv	115%	b	70-130	4	25
Dibromochloromethane	11.08	10.00	ppbv	111%		70-130	3	25
1,2-Dibromoethane	10.66	10.00	ppbv	107%		70-130	3	25
Chlorobenzene	10.06	10.00	ppbv	101%		70-130	3	25
Ethylbenzene	10.57	10.00	ppbv	106%		70-130	12	25

ENTHALPY ANALYTICAL

Batch QC

QC1010990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	21.89	20.00	ppbv	109%		70-130	10	25
o-Xylene	10.84	10.00	ppbv	108%		70-130	6	25
Styrene	11.57	10.00	ppbv	116%		70-130	5	25
Bromoform	11.19	10.00	ppbv	112%		70-130	4	25
1,1,2,2-Tetrachloroethane	9.998	10.00	ppbv	100%		70-130	3	25
1,1,1,2-Tetrachloroethane	10.39	10.00	ppbv	104%		70-130	4	25
4-Ethyltoluene	11.44	10.00	ppbv	114%		70-130	5	25
1,3,5-Trimethylbenzene	11.22	10.00	ppbv	112%		70-130	4	25
1,2,4-Trimethylbenzene	11.13	10.00	ppbv	111%		70-130	4	25
1,3-Dichlorobenzene	11.04	10.00	ppbv	110%		70-130	4	25
1,4-Dichlorobenzene	11.98	10.00	ppbv	120%		70-130	6	25
Benzyl chloride	12.84	10.00	ppbv	128%		70-130	4	25
1,2-Dichlorobenzene	10.79	10.00	ppbv	108%		70-130	4	25
1,2,4-Trichlorobenzene	12.84	10.00	ppbv	128%		70-130	9	25
Hexachlorobutadiene	10.94	10.00	ppbv	109%		70-130	6	25
Surrogates								
Bromofluorobenzene	10.34	10.00	ppbv	103%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1010991**	**Batch:**	**296369**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1010991 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
Naphthalene	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
Freon 12	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Freon 114	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Chloromethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Vinyl Chloride	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Bromomethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Chloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Trichlorofluoromethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1-Dichloroethene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Freon 113	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Acetone	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
Carbon Disulfide	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Isopropanol (IPA)	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
Methylene Chloride	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
MTBE	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
n-Hexane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1-Dichloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Vinyl Acetate	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
2-Butanone	ND		ppbv	1.0	09/06/22 13:14	09/06/22 13:14
Chloroform	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1,1-Trichloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Carbon Tetrachloride	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Benzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2-Dichloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Trichloroethene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2-Dichloropropane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Bromodichloromethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Toluene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1,2-Trichloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Tetrachloroethene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
2-Hexanone	ND		ppbv	0.50	09/06/22 13:14	09/06/22 13:14
Dibromochloromethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2-Dibromoethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Chlorobenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Ethylbenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
m,p-Xylenes	ND		ppbv	0.40	09/06/22 13:14	09/06/22 13:14

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Batch QC

QC1010991 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Styrene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Bromoform	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
4-Ethyltoluene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,3-Dichlorobenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,4-Dichlorobenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Benzyl chloride	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2-Dichlorobenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Hexachlorobutadiene	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Xylene (total)	ND		ppbv	0.20	09/06/22 13:14	09/06/22 13:14
Surrogates				**Limits**		
Bromofluorobenzene	101%		%REC	60-140	09/06/22 13:14	09/06/22 13:14

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011203**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	8.602	10.00	ppbv	86%		70-130
Naphthalene	11.50	10.00	ppbv	115%		70-130
Freon 12	9.769	10.00	ppbv	98%		70-130
Freon 114	9.519	10.00	ppbv	95%		70-130
Chloromethane	7.786	10.00	ppbv	78%		70-130
Vinyl Chloride	8.518	10.00	ppbv	85%		70-130
Bromomethane	9.082	10.00	ppbv	91%		70-130
Chloroethane	8.622	10.00	ppbv	86%		70-130
Trichlorofluoromethane	10.49	10.00	ppbv	105%		70-130
1,1-Dichloroethene	9.408	10.00	ppbv	94%		70-130
Freon 113	9.760	10.00	ppbv	98%		70-130
Acetone	7.608	10.00	ppbv	76%		70-130
Carbon Disulfide	8.343	10.00	ppbv	83%		70-130
Isopropanol (IPA)	8.848	10.00	ppbv	88%		70-130
Methylene Chloride	7.571	10.00	ppbv	76%		70-130
trans-1,2-Dichloroethene	9.070	10.00	ppbv	91%		70-130
MTBE	9.932	10.00	ppbv	99%		70-130
n-Hexane	8.703	10.00	ppbv	87%		70-130
1,1-Dichloroethane	9.092	10.00	ppbv	91%		70-130
Vinyl Acetate	8.003	10.00	ppbv	80%		70-130
cis-1,2-Dichloroethene	9.088	10.00	ppbv	91%		70-130
2-Butanone	9.136	10.00	ppbv	91%		70-130
Chloroform	9.747	10.00	ppbv	97%		70-130
1,1,1-Trichloroethane	10.57	10.00	ppbv	106%		70-130
Carbon Tetrachloride	10.82	10.00	ppbv	108%		70-130
Benzene	9.055	10.00	ppbv	91%		70-130
1,2-Dichloroethane	10.25	10.00	ppbv	102%		70-130
Trichloroethene	9.773	10.00	ppbv	98%		70-130
1,2-Dichloropropane	8.290	10.00	ppbv	83%		70-130
Bromodichloromethane	10.00	10.00	ppbv	100%		70-130
cis-1,3-Dichloropropene	10.03	10.00	ppbv	100%		70-130
4-Methyl-2-Pentanone	9.774	10.00	ppbv	98%		70-130
Toluene	10.07	10.00	ppbv	101%		70-130
trans-1,3-Dichloropropene	10.39	10.00	ppbv	104%		70-130
1,1,2-Trichloroethane	9.783	10.00	ppbv	98%		70-130
Tetrachloroethene	10.13	10.00	ppbv	101%		70-130
2-Hexanone	10.74	10.00	ppbv	107%	b	70-130
Dibromochloromethane	10.96	10.00	ppbv	110%		70-130
1,2-Dibromoethane	10.27	10.00	ppbv	103%		70-130
Chlorobenzene	9.535	10.00	ppbv	95%		70-130
Ethylbenzene	9.897	10.00	ppbv	99%		70-130
m,p-Xylenes	20.72	20.00	ppbv	104%		70-130

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Batch QC

QC1011203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	10.67	10.00	ppbv	107%		70-130
Styrene	10.65	10.00	ppbv	106%		70-130
Bromoform	10.95	10.00	ppbv	110%		70-130
1,1,2,2-Tetrachloroethane	9.285	10.00	ppbv	93%		70-130
1,1,1,2-Tetrachloroethane	10.09	10.00	ppbv	101%		70-130
4-Ethyltoluene	10.84	10.00	ppbv	108%		70-130
1,3,5-Trimethylbenzene	10.84	10.00	ppbv	108%		70-130
1,2,4-Trimethylbenzene	10.68	10.00	ppbv	107%		70-130
1,3-Dichlorobenzene	10.63	10.00	ppbv	106%		70-130
1,4-Dichlorobenzene	11.23	10.00	ppbv	112%		70-130
Benzyl chloride	11.98	10.00	ppbv	120%		70-130
1,2-Dichlorobenzene	10.35	10.00	ppbv	103%		70-130
1,2,4-Trichlorobenzene	11.60	10.00	ppbv	116%		70-130
Hexachlorobutadiene	10.64	10.00	ppbv	106%		70-130
Surrogates						
Bromofluorobenzene	10.62	10.00	ppbv	106%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011204**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	8.943	10.00	ppbv	89%		70-130	4	25
Naphthalene	11.65	10.00	ppbv	117%		70-130	1	25
Freon 12	9.796	10.00	ppbv	98%		70-130	0	25
Freon 114	9.660	10.00	ppbv	97%		70-130	1	25
Chloromethane	7.709	10.00	ppbv	77%		70-130	1	25
Vinyl Chloride	8.560	10.00	ppbv	86%		70-130	0	25
Bromomethane	9.051	10.00	ppbv	91%		70-130	0	25
Chloroethane	8.400	10.00	ppbv	84%		70-130	3	25
Trichlorofluoromethane	10.23	10.00	ppbv	102%		70-130	2	25
1,1-Dichloroethene	9.367	10.00	ppbv	94%		70-130	0	25
Freon 113	9.606	10.00	ppbv	96%		70-130	2	25
Acetone	8.018	10.00	ppbv	80%		70-130	5	25
Carbon Disulfide	9.218	10.00	ppbv	92%		70-130	10	25
Isopropanol (IPA)	8.828	10.00	ppbv	88%		70-130	0	25
Methylene Chloride	7.550	10.00	ppbv	76%		70-130	0	25
trans-1,2-Dichloroethene	9.119	10.00	ppbv	91%		70-130	1	25
MTBE	9.911	10.00	ppbv	99%		70-130	0	25
n-Hexane	8.715	10.00	ppbv	87%		70-130	0	25
1,1-Dichloroethane	8.964	10.00	ppbv	90%		70-130	1	25
Vinyl Acetate	8.361	10.00	ppbv	84%		70-130	4	25
cis-1,2-Dichloroethene	9.115	10.00	ppbv	91%		70-130	0	25
2-Butanone	9.058	10.00	ppbv	91%		70-130	1	25
Chloroform	9.726	10.00	ppbv	97%		70-130	0	25
1,1,1-Trichloroethane	10.52	10.00	ppbv	105%		70-130	0	25
Carbon Tetrachloride	10.87	10.00	ppbv	109%		70-130	0	25
Benzene	9.007	10.00	ppbv	90%		70-130	1	25
1,2-Dichloroethane	10.18	10.00	ppbv	102%		70-130	1	25
Trichloroethene	9.859	10.00	ppbv	99%		70-130	1	25
1,2-Dichloropropane	8.407	10.00	ppbv	84%		70-130	1	25
Bromodichloromethane	9.941	10.00	ppbv	99%		70-130	1	25
cis-1,3-Dichloropropene	10.63	10.00	ppbv	106%		70-130	6	25
4-Methyl-2-Pentanone	9.622	10.00	ppbv	96%		70-130	2	25
Toluene	10.22	10.00	ppbv	102%		70-130	1	25
trans-1,3-Dichloropropene	10.40	10.00	ppbv	104%		70-130	0	25
1,1,2-Trichloroethane	9.878	10.00	ppbv	99%		70-130	1	25
Tetrachloroethene	10.20	10.00	ppbv	102%		70-130	1	25
2-Hexanone	10.94	10.00	ppbv	109%	b	70-130	2	25
Dibromochloromethane	11.05	10.00	ppbv	110%		70-130	1	25
1,2-Dibromoethane	10.42	10.00	ppbv	104%		70-130	1	25
Chlorobenzene	9.458	10.00	ppbv	95%		70-130	1	25
Ethylbenzene	10.18	10.00	ppbv	102%		70-130	3	25

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Batch QC

QC1011204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	21.42	20.00	ppbv	107%		70-130	3	25
o-Xylene	10.97	10.00	ppbv	110%		70-130	3	25
Styrene	11.32	10.00	ppbv	113%		70-130	6	25
Bromoform	11.09	10.00	ppbv	111%		70-130	1	25
1,1,2,2-Tetrachloroethane	9.721	10.00	ppbv	97%		70-130	5	25
1,1,1,2-Tetrachloroethane	10.37	10.00	ppbv	104%		70-130	3	25
4-Ethyltoluene	11.11	10.00	ppbv	111%		70-130	2	25
1,3,5-Trimethylbenzene	11.13	10.00	ppbv	111%		70-130	3	25
1,2,4-Trimethylbenzene	10.92	10.00	ppbv	109%		70-130	2	25
1,3-Dichlorobenzene	10.87	10.00	ppbv	109%		70-130	2	25
1,4-Dichlorobenzene	11.64	10.00	ppbv	116%		70-130	4	25
Benzyl chloride	12.39	10.00	ppbv	124%		70-130	3	25
1,2-Dichlorobenzene	10.59	10.00	ppbv	106%		70-130	2	25
1,2,4-Trichlorobenzene	11.63	10.00	ppbv	116%		70-130	0	25
Hexachlorobutadiene	10.48	10.00	ppbv	105%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.50	10.00	ppbv	105%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011205**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011205 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Naphthalene	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Freon 12	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Freon 114	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Vinyl Chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromomethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Trichlorofluoromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Freon 113	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Acetone	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Carbon Disulfide	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Isopropanol (IPA)	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Methylene Chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
MTBE	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
n-Hexane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1-Dichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Vinyl Acetate	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
2-Butanone	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Chloroform	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,1-Trichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Carbon Tetrachloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Benzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Trichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichloropropane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromodichloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Toluene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,2-Trichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Tetrachloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
2-Hexanone	ND		ppbv	0.50	09/07/22 21:13	09/07/22 21:13
Dibromochloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dibromoethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Ethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
m,p-Xylenes	ND		ppbv	0.40	09/07/22 21:13	09/07/22 21:13

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Batch QC

QC1011205 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Styrene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromoform	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
4-Ethyltoluene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,3-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,4-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Benzyl chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Hexachlorobutadiene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Xylene (total)	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Surrogates				**Limits**		
Bromofluorobenzene	107%		%REC	60-140	09/07/22 21:13	09/07/22 21:13

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Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011531**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011531 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	9.043	10.00	ppbv	90%		70-130
Naphthalene	9.066	10.00	ppbv	91%		70-130
Freon 12	8.448	10.00	ppbv	84%		70-130
Freon 114	8.401	10.00	ppbv	84%		70-130
Chloromethane	8.962	10.00	ppbv	90%		70-130
Vinyl Chloride	8.967	10.00	ppbv	90%		70-130
Bromomethane	8.103	10.00	ppbv	81%		70-130
Chloroethane	8.623	10.00	ppbv	86%		70-130
Trichlorofluoromethane	8.137	10.00	ppbv	81%		70-130
1,1-Dichloroethene	8.395	10.00	ppbv	84%		70-130
Freon 113	8.535	10.00	ppbv	85%		70-130
Acetone	9.018	10.00	ppbv	90%		70-130
Carbon Disulfide	8.882	10.00	ppbv	89%		70-130
Isopropanol (IPA)	8.007	10.00	ppbv	80%		70-130
Methylene Chloride	8.163	10.00	ppbv	82%		70-130
trans-1,2-Dichloroethene	8.089	10.00	ppbv	81%		70-130
MTBE	8.347	10.00	ppbv	83%		70-130
n-Hexane	8.695	10.00	ppbv	87%		70-130
1,1-Dichloroethane	8.176	10.00	ppbv	82%		70-130
Vinyl Acetate	8.721	10.00	ppbv	87%		70-130
cis-1,2-Dichloroethene	8.760	10.00	ppbv	88%		70-130
2-Butanone	8.563	10.00	ppbv	86%		70-130
Chloroform	8.071	10.00	ppbv	81%		70-130
1,1,1-Trichloroethane	8.102	10.00	ppbv	81%		70-130
Carbon Tetrachloride	8.066	10.00	ppbv	81%		70-130
Benzene	8.178	10.00	ppbv	82%		70-130
1,2-Dichloroethane	7.907	10.00	ppbv	79%		70-130
Trichloroethene	7.973	10.00	ppbv	80%		70-130
1,2-Dichloropropane	8.358	10.00	ppbv	84%		70-130
Bromodichloromethane	8.304	10.00	ppbv	83%		70-130
cis-1,3-Dichloropropene	8.501	10.00	ppbv	85%		70-130
4-Methyl-2-Pentanone	9.081	10.00	ppbv	91%		70-130
Toluene	8.337	10.00	ppbv	83%		70-130
trans-1,3-Dichloropropene	8.285	10.00	ppbv	83%		70-130
1,1,2-Trichloroethane	8.534	10.00	ppbv	85%		70-130
Tetrachloroethene	8.055	10.00	ppbv	81%		70-130
2-Hexanone	9.404	10.00	ppbv	94%		70-130
Dibromochloromethane	8.152	10.00	ppbv	82%		70-130
1,2-Dibromoethane	8.591	10.00	ppbv	86%		70-130
Chlorobenzene	8.225	10.00	ppbv	82%		70-130
Ethylbenzene	8.064	10.00	ppbv	81%		70-130
m,p-Xylenes	16.38	20.00	ppbv	82%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1011531 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	8.165	10.00	ppbv	82%		70-130
Styrene	8.574	10.00	ppbv	86%		70-130
Bromoform	7.382	10.00	ppbv	74%	b	70-130
1,1,2,2-Tetrachloroethane	8.435	10.00	ppbv	84%		70-130
1,1,1,2-Tetrachloroethane	8.286	10.00	ppbv	83%		70-130
4-Ethyltoluene	8.535	10.00	ppbv	85%		70-130
1,3,5-Trimethylbenzene	8.551	10.00	ppbv	86%		70-130
1,2,4-Trimethylbenzene	8.527	10.00	ppbv	85%		70-130
1,3-Dichlorobenzene	8.127	10.00	ppbv	81%		70-130
1,4-Dichlorobenzene	8.248	10.00	ppbv	82%		70-130
Benzyl chloride	9.285	10.00	ppbv	93%		70-130
1,2-Dichlorobenzene	8.218	10.00	ppbv	82%		70-130
1,2,4-Trichlorobenzene	8.401	10.00	ppbv	84%		70-130
Hexachlorobutadiene	7.950	10.00	ppbv	79%		70-130
Surrogates						
Bromofluorobenzene	10.06	10.00	ppbv	101%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011532**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011532 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	8.757	10.00	ppbv	88%		70-130	3	25
Naphthalene	8.166	10.00	ppbv	82%		70-130	10	25
Freon 12	8.427	10.00	ppbv	84%		70-130	0	25
Freon 114	8.401	10.00	ppbv	84%		70-130	0	25
Chloromethane	8.670	10.00	ppbv	87%		70-130	3	25
Vinyl Chloride	8.875	10.00	ppbv	89%		70-130	1	25
Bromomethane	8.206	10.00	ppbv	82%		70-130	1	25
Chloroethane	8.632	10.00	ppbv	86%		70-130	0	25
Trichlorofluoromethane	8.384	10.00	ppbv	84%		70-130	3	25
1,1-Dichloroethene	8.349	10.00	ppbv	83%		70-130	1	25
Freon 113	8.631	10.00	ppbv	86%		70-130	1	25
Acetone	8.598	10.00	ppbv	86%		70-130	5	25
Carbon Disulfide	8.930	10.00	ppbv	89%		70-130	1	25
Isopropanol (IPA)	8.139	10.00	ppbv	81%		70-130	2	25
Methylene Chloride	8.151	10.00	ppbv	82%		70-130	0	25
trans-1,2-Dichloroethene	8.009	10.00	ppbv	80%		70-130	1	25
MTBE	8.239	10.00	ppbv	82%		70-130	1	25
n-Hexane	8.585	10.00	ppbv	86%		70-130	1	25
1,1-Dichloroethane	8.077	10.00	ppbv	81%		70-130	1	25
Vinyl Acetate	8.539	10.00	ppbv	85%		70-130	2	25
cis-1,2-Dichloroethene	8.018	10.00	ppbv	80%		70-130	9	25
2-Butanone	8.247	10.00	ppbv	82%		70-130	4	25
Chloroform	8.002	10.00	ppbv	80%		70-130	1	25
1,1,1-Trichloroethane	8.072	10.00	ppbv	81%		70-130	0	25
Carbon Tetrachloride	8.029	10.00	ppbv	80%		70-130	0	25
Benzene	8.227	10.00	ppbv	82%		70-130	1	25
1,2-Dichloroethane	7.846	10.00	ppbv	78%		70-130	1	25
Trichloroethene	8.054	10.00	ppbv	81%		70-130	1	25
1,2-Dichloropropane	8.236	10.00	ppbv	82%		70-130	1	25
Bromodichloromethane	8.223	10.00	ppbv	82%		70-130	1	25
cis-1,3-Dichloropropene	8.355	10.00	ppbv	84%		70-130	2	25
4-Methyl-2-Pentanone	8.778	10.00	ppbv	88%		70-130	3	25
Toluene	8.376	10.00	ppbv	84%		70-130	0	25
trans-1,3-Dichloropropene	8.067	10.00	ppbv	81%		70-130	3	25
1,1,2-Trichloroethane	8.495	10.00	ppbv	85%		70-130	0	25
Tetrachloroethene	7.904	10.00	ppbv	79%		70-130	2	25
2-Hexanone	9.223	10.00	ppbv	92%		70-130	2	25
Dibromochloromethane	8.110	10.00	ppbv	81%		70-130	1	25
1,2-Dibromoethane	8.289	10.00	ppbv	83%		70-130	4	25
Chlorobenzene	8.031	10.00	ppbv	80%		70-130	2	25
Ethylbenzene	8.011	10.00	ppbv	80%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC1011532 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	16.05	20.00	ppbv	80%		70-130	2	25
o-Xylene	7.975	10.00	ppbv	80%		70-130	2	25
Styrene	8.329	10.00	ppbv	83%		70-130	3	25
Bromoform	7.130	10.00	ppbv	71%	b	70-130	3	25
1,1,2,2-Tetrachloroethane	8.261	10.00	ppbv	83%		70-130	2	25
1,1,1,2-Tetrachloroethane	7.992	10.00	ppbv	80%		70-130	4	25
4-Ethyltoluene	7.933	10.00	ppbv	79%		70-130	7	25
1,3,5-Trimethylbenzene	8.207	10.00	ppbv	82%		70-130	4	25
1,2,4-Trimethylbenzene	8.140	10.00	ppbv	81%		70-130	5	25
1,3-Dichlorobenzene	7.822	10.00	ppbv	78%		70-130	4	25
1,4-Dichlorobenzene	7.910	10.00	ppbv	79%		70-130	4	25
Benzyl chloride	9.075	10.00	ppbv	91%		70-130	2	25
1,2-Dichlorobenzene	7.785	10.00	ppbv	78%		70-130	5	25
1,2,4-Trichlorobenzene	7.388	10.00	ppbv	74%		70-130	13	25
Hexachlorobutadiene	7.400	10.00	ppbv	74%		70-130	7	25
Surrogates								
Bromofluorobenzene	9.810	10.00	ppbv	98%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011533**	**Batch:**	**296539**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011533 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Naphthalene	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Freon 12	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Freon 114	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Vinyl Chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromomethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Trichlorofluoromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Freon 113	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Acetone	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Carbon Disulfide	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Isopropanol (IPA)	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Methylene Chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
MTBE	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
n-Hexane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1-Dichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Vinyl Acetate	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
2-Butanone	ND		ppbv	1.0	09/08/22 19:20	09/08/22 19:20
Chloroform	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,1-Trichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Carbon Tetrachloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Benzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Trichloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichloropropane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromodichloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Toluene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,2-Trichloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Tetrachloroethene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
2-Hexanone	ND		ppbv	0.50	09/08/22 19:20	09/08/22 19:20
Dibromochloromethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dibromoethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Chlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Ethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
m,p-Xylenes	ND		ppbv	0.40	09/08/22 19:20	09/08/22 19:20

ENTHALPY ANALYTICAL

Batch QC

QC1011533 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Styrene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Bromoform	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
4-Ethyltoluene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,3-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,4-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Benzyl chloride	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2-Dichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Hexachlorobutadiene	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Xylene (total)	ND		ppbv	0.20	09/08/22 19:20	09/08/22 19:20
Surrogates				**Limits**		
Bromofluorobenzene	94%		%REC	60-140	09/08/22 19:20	09/08/22 19:20

* Value is outside QC limits
ND Not Detected
b See narrative

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

enthalpy.com

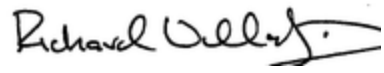
Lab Job Number: 468563
Report Level: II
Report Date: 09/12/2022

Analytical Report *prepared for:*

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #:	468563
Project No:	CULVER CROSSING
Location:	C20100.01
Date Received:	09/06/22

Sample ID	Lab ID	Collected	Matrix
SVP-7-5	468563-001	09/06/22 10:11	Air
SVP-7-15	468563-002	09/06/22 10:11	Air
SVP-7-25	468563-003	09/06/22 10:10	Air
SVP-8-5	468563-004	09/06/22 11:16	Air
SVP-8-15	468563-005	09/06/22 11:15	Air
SVP-8-25	468563-006	09/06/22 11:16	Air

ENTHALPY ANALYTICAL

Case Narrative

EKI Environment & Water, Inc. 2355 Main Street Suite 210 Irvine, CA 92614 Chris Ingalls	Lab Job Number: 468563 Project No: CULVER CROSSING Location: C20100.01 Date Received: 09/06/22

This data package contains sample and QC results for six air samples, requested for the above referenced project on 09/06/22. The samples were received intact.

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

- High ICAL percent RSD (relative standard deviation) was observed for 2-hexanone in the calibration analyzed 08/11/22 14:22; affected data was qualified with "b".
- SVP-7-5 (lab # 468563-001) and SVP-7-15 (lab # 468563-002) were diluted due to high hydrocarbons.
- SVP-7-25 (lab # 468563-003) was diluted due to high non-target analytes.
- No other analytical problems were encountered.

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No: 468563

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

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:	EKI Environment & Water	Quote #:	
Report To:	Chris Ingalls	Proj. Name:	Culver Crossing
Email:	Cingalls@ekiconsult.com	Proj. #:	C20100.01
Address:	2355 Main St Suite 210	P.O. #:	
	Irvine CA	Address:	8888 Venice Blvd
Phone:	650-292-9100	Global ID:	
Fax:		Sampled By:	C. Concha

Analysis Request / **Test Instructions / Comments**

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TO-15 VOCs	TO-3 LDFA	Test Instructions / Comments
1	SVP-7-5	9/6/22	1011	SG	1X SUMMA	N/A	X	X	
2	SVP-7-15	↓	1011	↓	↓	↓	X	X	
3	SVP-7-25	↓	1010	↓	↓	↓	X	X	
4	SVP-8-5	↓	1116	↓	↓	↓	X	X	
5	SVP-8-15	↓	1115	↓	↓	↓	X	X	
6	SVP-8-25	↓	1116	↓	↓	↓	X	X	
7									
8									
9									
10									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	[illegible]	Christian Concha	EKI / geologist	9/6/22
[1] Received By:	[illegible]	Geena Silvestri	EA	9/6/22 13:53
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

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SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI Environmental

Project: Culver Crossing

Date Received: 9/6/22

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): Amb.

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: _____ Date: 9/6/22

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
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www.enthalpy.com/socal

ENTHALPY ANALYTICAL

Analysis Results for 468563

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468563
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/06/22

Sample ID: SVP-7-5 **Lab ID: 468563-001** **Collected: 09/06/22 10:11**
Matrix: Air

468563-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1-Difluoroethane	ND		ug/m3	14	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Naphthalene	ND		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Naphthalene	ND		ug/m3	26	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 12	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 12	ND		ug/m3	4.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 114	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 114	ND		ug/m3	7.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloromethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloromethane	ND		ug/m3	2.1	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Vinyl Chloride	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Vinyl Chloride	ND		ug/m3	2.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromomethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromomethane	ND		ug/m3	3.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloroethane	ND		ug/m3	2.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Trichlorofluoromethane	**2.0**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Trichlorofluoromethane	**11**		ug/m3	5.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1-Dichloroethene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1-Dichloroethene	ND		ug/m3	4.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 113	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Freon 113	ND		ug/m3	7.7	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Acetone	**9.6**		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Acetone	**23**		ug/m3	12	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Carbon Disulfide	**2.0**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Carbon Disulfide	**6.2**		ug/m3	3.1	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Isopropanol (IPA)	ND		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Isopropanol (IPA)	ND		ug/m3	12	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Methylene Chloride	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Methylene Chloride	ND		ug/m3	3.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	4.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
MTBE	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
MTBE	ND		ug/m3	3.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ

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

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Analysis Results for 468563

468563-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**1.2**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
n-Hexane	**4.2**		ug/m3	3.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1-Dichloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1-Dichloroethane	ND		ug/m3	4.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Vinyl Acetate	ND		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Vinyl Acetate	ND		ug/m3	18	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	4.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
2-Butanone	ND		ppbv	5.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
2-Butanone	ND		ug/m3	15	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloroform	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chloroform	ND		ug/m3	4.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,1-Trichloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	5.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Carbon Tetrachloride	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Carbon Tetrachloride	ND		ug/m3	6.3	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Benzene	**3.3**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Benzene	**11**		ug/m3	3.2	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichloroethane	ND		ug/m3	4.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Trichloroethene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Trichloroethene	ND		ug/m3	5.4	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichloropropane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichloropropane	ND		ug/m3	4.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromodichloromethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromodichloromethane	ND		ug/m3	6.7	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	4.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	4.1	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Toluene	**22**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Toluene	**84**		ug/m3	3.8	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	4.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,2-Trichloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	5.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Tetrachloroethene	**82**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Tetrachloroethene	**550**		ug/m3	6.8	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
2-Hexanone	ND		ppbv	2.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
2-Hexanone	ND		ug/m3	10	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Dibromochloromethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Dibromochloromethane	ND		ug/m3	8.5	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dibromoethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dibromoethane	ND		ug/m3	7.7	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chlorobenzene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Chlorobenzene	ND		ug/m3	4.6	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ

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

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Analysis Results for 468563

468563-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	**4.7**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Ethylbenzene	**20**		ug/m3	4.3	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
m,p-Xylenes	**17**		ppbv	2.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
m,p-Xylenes	**75**		ug/m3	8.7	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
o-Xylene	**6.6**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
o-Xylene	**29**		ug/m3	4.3	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Styrene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Styrene	ND		ug/m3	4.3	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromoform	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Bromoform	ND		ug/m3	10	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	6.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	6.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
4-Ethyltoluene	**2.0**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
4-Ethyltoluene	**9.9**		ug/m3	4.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,3,5-Trimethylbenzene	**2.3**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,3,5-Trimethylbenzene	**11**		ug/m3	4.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2,4-Trimethylbenzene	**6.3**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2,4-Trimethylbenzene	**31**		ug/m3	4.9	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,3-Dichlorobenzene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	6.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,4-Dichlorobenzene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	6.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Benzyl chloride	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Benzyl chloride	ND		ug/m3	5.2	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichlorobenzene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	6.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	7.4	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Hexachlorobutadiene	ND		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Hexachlorobutadiene	ND		ug/m3	11	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Xylene (total)	**24**		ppbv	1.0	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Xylene (total)	**100**		ug/m3	4.3	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	91%		%REC	60-140	5	296428	09/08/22 07:27	09/08/22 07:27	ZNZ

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

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Analysis Results for 468563

Sample ID: SVP-7-15	Lab ID: 468563-002	Collected: 09/06/22 10:11
	Matrix: Air	

468563-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**110**		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1-Difluoroethane	**290**		ug/m3	27	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Naphthalene	ND		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Naphthalene	ND		ug/m3	52	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 12	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 12	ND		ug/m3	9.9	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 114	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 114	ND		ug/m3	14	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloromethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloromethane	ND		ug/m3	4.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Vinyl Chloride	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Vinyl Chloride	ND		ug/m3	5.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromomethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromomethane	ND		ug/m3	7.8	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloroethane	ND		ug/m3	5.3	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Trichlorofluoromethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Trichlorofluoromethane	ND		ug/m3	11	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1-Dichloroethene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1-Dichloroethene	ND		ug/m3	7.9	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 113	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Freon 113	ND		ug/m3	15	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Acetone	**11**		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Acetone	**26**		ug/m3	24	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Carbon Disulfide	**2.8**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Carbon Disulfide	**8.6**		ug/m3	6.2	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Isopropanol (IPA)	ND		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Isopropanol (IPA)	ND		ug/m3	25	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Methylene Chloride	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Methylene Chloride	ND		ug/m3	6.9	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	7.9	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
MTBE	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
MTBE	ND		ug/m3	7.2	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
n-Hexane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
n-Hexane	ND		ug/m3	7.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1-Dichloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1-Dichloroethane	ND		ug/m3	8.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Vinyl Acetate	ND		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Vinyl Acetate	ND		ug/m3	35	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ

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

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Analysis Results for 468563

468563-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	7.9	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
2-Butanone	ND		ppbv	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
2-Butanone	ND		ug/m3	29	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloroform	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chloroform	ND		ug/m3	9.8	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,1-Trichloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	11	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Carbon Tetrachloride	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Carbon Tetrachloride	ND		ug/m3	13	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Benzene	**5.0**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Benzene	**16**		ug/m3	6.4	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichloroethane	ND		ug/m3	8.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Trichloroethene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Trichloroethene	ND		ug/m3	11	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichloropropane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichloropropane	ND		ug/m3	9.2	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromodichloromethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromodichloromethane	ND		ug/m3	13	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	9.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	8.2	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Toluene	**55**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Toluene	**210**		ug/m3	7.5	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	9.1	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,2-Trichloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	11	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Tetrachloroethene	**110**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Tetrachloroethene	**770**		ug/m3	14	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
2-Hexanone	ND		ppbv	5.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
2-Hexanone	ND		ug/m3	20	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Dibromochloromethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Dibromochloromethane	ND		ug/m3	17	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dibromoethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dibromoethane	ND		ug/m3	15	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chlorobenzene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Chlorobenzene	ND		ug/m3	9.2	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Ethylbenzene	**13**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Ethylbenzene	**54**		ug/m3	8.7	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
m,p-Xylenes	**46**		ppbv	4.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
m,p-Xylenes	**200**		ug/m3	17	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
o-Xylene	**16**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
o-Xylene	**68**		ug/m3	8.7	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Styrene	ND		ug/m3	8.5	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromoform	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Bromoform	ND		ug/m3	21	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	14	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	14	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
4-Ethyltoluene	**4.1**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
4-Ethyltoluene	**20**		ug/m3	9.8	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,3,5-Trimethylbenzene	**4.8**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,3,5-Trimethylbenzene	**24**		ug/m3	9.8	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2,4-Trimethylbenzene	**12**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2,4-Trimethylbenzene	**61**		ug/m3	9.8	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,3-Dichlorobenzene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	12	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,4-Dichlorobenzene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	12	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Benzyl chloride	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Benzyl chloride	ND		ug/m3	10	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichlorobenzene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	12	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	15	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Hexachlorobutadiene	ND		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Hexachlorobutadiene	ND		ug/m3	21	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Xylene (total)	**61**		ppbv	2.0	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Xylene (total)	**270**		ug/m3	8.7	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	104%		%REC	60-140	10	296428	09/07/22 20:55	09/07/22 20:55	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

Sample ID: SVP-7-25	Lab ID: 468563-003	Collected: 09/06/22 10:10
	Matrix: Air	

468563-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	ND		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1-Difluoroethane	ND		ug/m3	17	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Naphthalene	ND		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Naphthalene	ND		ug/m3	34	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 12	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 12	ND		ug/m3	6.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 114	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 114	ND		ug/m3	8.9	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloromethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloromethane	ND		ug/m3	2.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Vinyl Chloride	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Vinyl Chloride	ND		ug/m3	3.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromomethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromomethane	ND		ug/m3	5.0	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloroethane	ND		ug/m3	3.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Trichlorofluoromethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Trichlorofluoromethane	ND		ug/m3	7.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1-Dichloroethene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1-Dichloroethene	ND		ug/m3	5.1	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 113	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Freon 113	ND		ug/m3	9.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Acetone	**29**		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Acetone	**70**		ug/m3	15	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Carbon Disulfide	**56**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Carbon Disulfide	**170**		ug/m3	4.0	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Isopropanol (IPA)	ND		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Isopropanol (IPA)	ND		ug/m3	16	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Methylene Chloride	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Methylene Chloride	ND		ug/m3	4.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	5.1	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
MTBE	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
MTBE	ND		ug/m3	4.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
n-Hexane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
n-Hexane	ND		ug/m3	4.5	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1-Dichloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1-Dichloroethane	ND		ug/m3	5.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Vinyl Acetate	ND		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Vinyl Acetate	ND		ug/m3	23	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	5.1	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
2-Butanone	ND		ppbv	6.4	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
2-Butanone	ND		ug/m3	19	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloroform	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chloroform	ND		ug/m3	6.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,1-Trichloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	7.0	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Carbon Tetrachloride	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Carbon Tetrachloride	ND		ug/m3	8.1	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Benzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Benzene	ND		ug/m3	4.1	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichloroethane	ND		ug/m3	5.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Trichloroethene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Trichloroethene	ND		ug/m3	6.9	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichloropropane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichloropropane	ND		ug/m3	5.9	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromodichloromethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromodichloromethane	ND		ug/m3	8.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	5.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
4-Methyl-2-Pentanone	**1.6**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
4-Methyl-2-Pentanone	**6.4**		ug/m3	5.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Toluene	**20**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Toluene	**76**		ug/m3	4.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	5.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,2-Trichloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	7.0	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Tetrachloroethene	**97**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Tetrachloroethene	**660**		ug/m3	8.7	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
2-Hexanone	ND		ppbv	3.2	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
2-Hexanone	ND		ug/m3	13	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Dibromochloromethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Dibromochloromethane	ND		ug/m3	11	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dibromoethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dibromoethane	ND		ug/m3	9.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chlorobenzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Chlorobenzene	ND		ug/m3	5.9	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Ethylbenzene	**6.4**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Ethylbenzene	**28**		ug/m3	5.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
m,p-Xylenes	**26**		ppbv	2.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
m,p-Xylenes	**110**		ug/m3	11	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
o-Xylene	**8.9**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
o-Xylene	**39**		ug/m3	5.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ

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

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Analysis Results for 468563

468563-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Styrene	ND		ug/m3	5.5	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromoform	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Bromoform	ND		ug/m3	13	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	8.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	8.8	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
4-Ethyltoluene	**2.6**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
4-Ethyltoluene	**13**		ug/m3	6.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,3,5-Trimethylbenzene	**2.7**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,3,5-Trimethylbenzene	**14**		ug/m3	6.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2,4-Trimethylbenzene	**7.6**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2,4-Trimethylbenzene	**37**		ug/m3	6.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,3-Dichlorobenzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	7.7	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,4-Dichlorobenzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	7.7	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Benzyl chloride	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Benzyl chloride	ND		ug/m3	6.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichlorobenzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	7.7	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	9.5	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Hexachlorobutadiene	ND		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Hexachlorobutadiene	ND		ug/m3	14	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Xylene (total)	**35**		ppbv	1.3	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Xylene (total)	**150**		ug/m3	5.6	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	102%		%REC	60-140	6.4	296428	09/07/22 21:42	09/07/22 21:42	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

Sample ID: SVP-8-5	Lab ID: 468563-004	Collected: 09/06/22 11:16
	Matrix: Air	

468563-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**2,100**		ppbv	100	100	296427	09/08/22 16:05	09/08/22 16:05	DJL
1,1-Difluoroethane	**5,700**		ug/m3	270	100	296427	09/08/22 16:05	09/08/22 16:05	DJL
Naphthalene	ND		ppbv	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Naphthalene	ND		ug/m3	260	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 12	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 12	ND		ug/m3	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 114	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 114	ND		ug/m3	70	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloromethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloromethane	ND		ug/m3	21	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Vinyl Chloride	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Vinyl Chloride	ND		ug/m3	26	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromomethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromomethane	ND		ug/m3	39	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloroethane	ND		ug/m3	27	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Trichlorofluoromethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Trichlorofluoromethane	ND		ug/m3	57	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1-Dichloroethene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1-Dichloroethene	ND		ug/m3	40	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 113	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Freon 113	ND		ug/m3	77	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Acetone	**53**		ppbv	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Acetone	**130**		ug/m3	120	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Carbon Disulfide	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Carbon Disulfide	ND		ug/m3	31	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Isopropanol (IPA)	ND		ppbv	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Isopropanol (IPA)	ND		ug/m3	120	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Methylene Chloride	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Methylene Chloride	ND		ug/m3	35	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
trans-1,2-Dichloroethene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
trans-1,2-Dichloroethene	ND		ug/m3	40	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
MTBE	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
MTBE	ND		ug/m3	36	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
n-Hexane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
n-Hexane	ND		ug/m3	36	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1-Dichloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1-Dichloroethane	ND		ug/m3	41	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Vinyl Acetate	ND		ppbv	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Vinyl Acetate	ND		ug/m3	180	50	296427	09/08/22 14:16	09/08/22 14:16	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
cis-1,2-Dichloroethene	ND		ug/m3	40	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
2-Butanone	ND		ppbv	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
2-Butanone	ND		ug/m3	150	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloroform	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chloroform	ND		ug/m3	49	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,1-Trichloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,1-Trichloroethane	ND		ug/m3	55	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Carbon Tetrachloride	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Carbon Tetrachloride	ND		ug/m3	63	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Benzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Benzene	ND		ug/m3	32	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichloroethane	ND		ug/m3	41	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Trichloroethene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Trichloroethene	ND		ug/m3	54	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichloropropane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichloropropane	ND		ug/m3	47	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromodichloromethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromodichloromethane	ND		ug/m3	68	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
cis-1,3-Dichloropropene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
cis-1,3-Dichloropropene	ND		ug/m3	46	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
4-Methyl-2-Pentanone	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
4-Methyl-2-Pentanone	ND		ug/m3	41	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Toluene	**110**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Toluene	**410**		ug/m3	38	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
trans-1,3-Dichloropropene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
trans-1,3-Dichloropropene	ND		ug/m3	46	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,2-Trichloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,2-Trichloroethane	ND		ug/m3	55	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Tetrachloroethene	**56**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Tetrachloroethene	**380**		ug/m3	68	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
2-Hexanone	ND		ppbv	25	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
2-Hexanone	ND		ug/m3	100	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Dibromochloromethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Dibromochloromethane	ND		ug/m3	86	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dibromoethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dibromoethane	ND		ug/m3	77	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chlorobenzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Chlorobenzene	ND		ug/m3	46	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Ethylbenzene	**37**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Ethylbenzene	**160**		ug/m3	44	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
m,p-Xylenes	**180**		ppbv	20	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
m,p-Xylenes	**760**		ug/m3	88	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
o-Xylene	**59**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
o-Xylene	**260**		ug/m3	44	50	296427	09/08/22 14:16	09/08/22 14:16	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Styrene	ND		ug/m3	43	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromoform	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Bromoform	ND		ug/m3	100	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	69	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	69	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
4-Ethyltoluene	**24**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
4-Ethyltoluene	**120**		ug/m3	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,3,5-Trimethylbenzene	**40**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,3,5-Trimethylbenzene	**200**		ug/m3	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2,4-Trimethylbenzene	**100**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2,4-Trimethylbenzene	**490**		ug/m3	50	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,3-Dichlorobenzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,3-Dichlorobenzene	ND		ug/m3	61	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,4-Dichlorobenzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,4-Dichlorobenzene	ND		ug/m3	61	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Benzyl chloride	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Benzyl chloride	ND		ug/m3	52	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichlorobenzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2-Dichlorobenzene	ND		ug/m3	61	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2,4-Trichlorobenzene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	75	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Hexachlorobutadiene	ND		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Hexachlorobutadiene	ND		ug/m3	110	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Xylene (total)	**230**		ppbv	10	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Xylene (total)	**1,000**		ug/m3	44	50	296427	09/08/22 14:16	09/08/22 14:16	DJL
Surrogates				**Limits**					
Bromofluorobenzene	99%		%REC	60-140	50	296427	09/08/22 14:16	09/08/22 14:16	DJL

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

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Analysis Results for 468563

Sample ID: SVP-8-15	Lab ID: 468563-005	Collected: 09/06/22 11:15
	Matrix: Air	

468563-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**2,200**		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1-Difluoroethane	**5,900**		ug/m3	250	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Naphthalene	ND		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Naphthalene	ND		ug/m3	490	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 12	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 12	ND		ug/m3	93	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 114	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 114	ND		ug/m3	130	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloromethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloromethane	ND		ug/m3	39	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Vinyl Chloride	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Vinyl Chloride	ND		ug/m3	48	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromomethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromomethane	ND		ug/m3	73	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloroethane	ND		ug/m3	49	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Trichlorofluoromethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Trichlorofluoromethane	ND		ug/m3	110	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1-Dichloroethene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1-Dichloroethene	ND		ug/m3	74	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 113	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Freon 113	ND		ug/m3	140	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Acetone	ND		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Acetone	ND		ug/m3	220	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Carbon Disulfide	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Carbon Disulfide	ND		ug/m3	58	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Isopropanol (IPA)	ND		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Isopropanol (IPA)	ND		ug/m3	230	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Methylene Chloride	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Methylene Chloride	ND		ug/m3	65	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	74	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
MTBE	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
MTBE	ND		ug/m3	67	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
n-Hexane	**54**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
n-Hexane	**190**		ug/m3	66	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1-Dichloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1-Dichloroethane	ND		ug/m3	76	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Vinyl Acetate	ND		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Vinyl Acetate	ND		ug/m3	330	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	74	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
2-Butanone	ND		ppbv	94	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
2-Butanone	ND		ug/m3	280	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloroform	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chloroform	ND		ug/m3	91	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,1-Trichloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	100	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Carbon Tetrachloride	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Carbon Tetrachloride	ND		ug/m3	120	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Benzene	**120**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Benzene	**380**		ug/m3	60	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichloroethane	ND		ug/m3	76	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Trichloroethene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Trichloroethene	ND		ug/m3	100	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichloropropane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichloropropane	ND		ug/m3	87	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromodichloromethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromodichloromethane	ND		ug/m3	130	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	85	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	77	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Toluene	**1,300**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Toluene	**4,800**		ug/m3	71	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	85	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,2-Trichloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	100	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Tetrachloroethene	**30**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Tetrachloroethene	**200**		ug/m3	130	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
2-Hexanone	ND		ppbv	47	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
2-Hexanone	ND		ug/m3	190	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Dibromochloromethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Dibromochloromethane	ND		ug/m3	160	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dibromoethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dibromoethane	ND		ug/m3	140	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chlorobenzene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Chlorobenzene	ND		ug/m3	86	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Ethylbenzene	**270**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Ethylbenzene	**1,200**		ug/m3	81	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
m,p-Xylenes	**1,100**		ppbv	37	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
m,p-Xylenes	**4,600**		ug/m3	160	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
o-Xylene	**340**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
o-Xylene	**1,500**		ug/m3	81	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Styrene	ND		ug/m3	80	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromoform	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Bromoform	ND		ug/m3	190	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	130	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,1,2-Tetrachloroethane	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,1,1,2-Tetrachloroethane	ND		ug/m3	130	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
4-Ethyltoluene	**99**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
4-Ethyltoluene	**490**		ug/m3	92	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,3,5-Trimethylbenzene	**160**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,3,5-Trimethylbenzene	**800**		ug/m3	92	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2,4-Trimethylbenzene	**350**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2,4-Trimethylbenzene	**1,700**		ug/m3	92	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,3-Dichlorobenzene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	110	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,4-Dichlorobenzene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	110	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Benzyl chloride	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Benzyl chloride	ND		ug/m3	97	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichlorobenzene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	110	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	140	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Hexachlorobutadiene	ND		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Hexachlorobutadiene	ND		ug/m3	200	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Xylene (total)	**1,400**		ppbv	19	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Xylene (total)	**6,100**		ug/m3	81	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	102%		%REC	60-140	94	296428	09/07/22 23:55	09/07/22 23:55	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

Sample ID: SVP-8-25	Lab ID: 468563-006	Collected: 09/06/22 11:16
	Matrix: Air	

468563-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 Prep Method: METHOD									
1,1-Difluoroethane	**1,800**		ppbv	72	72	296427	09/08/22 16:42	09/08/22 16:42	DJL
1,1-Difluoroethane	**4,700**		ug/m3	190	72	296427	09/08/22 16:42	09/08/22 16:42	DJL
Naphthalene	ND		ppbv	7.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Naphthalene	ND		ug/m3	38	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 12	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 12	ND		ug/m3	7.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 114	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 114	ND		ug/m3	10	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloromethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloromethane	ND		ug/m3	3.0	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Vinyl Chloride	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Vinyl Chloride	ND		ug/m3	3.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromomethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromomethane	ND		ug/m3	5.6	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloroethane	ND		ug/m3	3.8	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Trichlorofluoromethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Trichlorofluoromethane	ND		ug/m3	8.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1-Dichloroethene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1-Dichloroethene	ND		ug/m3	5.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 113	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Freon 113	ND		ug/m3	11	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Acetone	**9.1**		ppbv	7.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Acetone	**22**		ug/m3	17	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Carbon Disulfide	**150**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Carbon Disulfide	**470**		ug/m3	4.5	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Isopropanol (IPA)	ND		ppbv	7.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Isopropanol (IPA)	ND		ug/m3	18	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Methylene Chloride	**1.5**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Methylene Chloride	**5.1**		ug/m3	5.0	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
trans-1,2-Dichloroethene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
trans-1,2-Dichloroethene	ND		ug/m3	5.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
MTBE	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
MTBE	ND		ug/m3	5.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
n-Hexane	**1.8**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
n-Hexane	**6.3**		ug/m3	5.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1-Dichloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1-Dichloroethane	ND		ug/m3	5.8	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Vinyl Acetate	ND		ppbv	7.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Vinyl Acetate	ND		ug/m3	25	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,2-Dichloroethene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
cis-1,2-Dichloroethene	ND		ug/m3	5.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
2-Butanone	ND		ppbv	7.2	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
2-Butanone	ND		ug/m3	21	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloroform	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chloroform	ND		ug/m3	7.0	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,1-Trichloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,1-Trichloroethane	ND		ug/m3	7.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Carbon Tetrachloride	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Carbon Tetrachloride	ND		ug/m3	9.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Benzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Benzene	ND		ug/m3	4.6	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichloroethane	ND		ug/m3	5.8	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Trichloroethene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Trichloroethene	ND		ug/m3	7.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichloropropane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichloropropane	ND		ug/m3	6.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromodichloromethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromodichloromethane	ND		ug/m3	9.6	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
cis-1,3-Dichloropropene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
cis-1,3-Dichloropropene	ND		ug/m3	6.5	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
4-Methyl-2-Pentanone	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
4-Methyl-2-Pentanone	ND		ug/m3	5.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Toluene	**19**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Toluene	**73**		ug/m3	5.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
trans-1,3-Dichloropropene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
trans-1,3-Dichloropropene	ND		ug/m3	6.5	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,2-Trichloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,2-Trichloroethane	ND		ug/m3	7.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Tetrachloroethene	**13**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Tetrachloroethene	**85**		ug/m3	9.8	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
2-Hexanone	ND		ppbv	3.6	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
2-Hexanone	ND		ug/m3	15	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Dibromochloromethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Dibromochloromethane	ND		ug/m3	12	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dibromoethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dibromoethane	ND		ug/m3	11	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chlorobenzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Chlorobenzene	ND		ug/m3	6.6	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Ethylbenzene	**4.8**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Ethylbenzene	**21**		ug/m3	6.3	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
m,p-Xylenes	**24**		ppbv	2.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
m,p-Xylenes	**110**		ug/m3	13	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
o-Xylene	**7.9**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
o-Xylene	**34**		ug/m3	6.3	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 468563

468563-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Styrene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Styrene	ND		ug/m3	6.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromoform	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Bromoform	ND		ug/m3	15	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,2,2-Tetrachloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,2,2-Tetrachloroethane	ND		ug/m3	9.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,1,2-Tetrachloroethane	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,1,1,2-Tetrachloroethane	ND		ug/m3	9.9	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
4-Ethyltoluene	**1.9**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
4-Ethyltoluene	**9.5**		ug/m3	7.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,3,5-Trimethylbenzene	**2.6**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,3,5-Trimethylbenzene	**13**		ug/m3	7.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2,4-Trimethylbenzene	**4.2**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2,4-Trimethylbenzene	**21**		ug/m3	7.1	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,3-Dichlorobenzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,3-Dichlorobenzene	ND		ug/m3	8.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,4-Dichlorobenzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,4-Dichlorobenzene	ND		ug/m3	8.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Benzyl chloride	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Benzyl chloride	ND		ug/m3	7.5	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichlorobenzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2-Dichlorobenzene	ND		ug/m3	8.7	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2,4-Trichlorobenzene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	11	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Hexachlorobutadiene	ND		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Hexachlorobutadiene	ND		ug/m3	15	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Xylene (total)	**32**		ppbv	1.4	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Xylene (total)	**140**		ug/m3	6.3	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL
Surrogates				**Limits**					
Bromofluorobenzene	94%		%REC	60-140	7.2	296427	09/08/22 15:15	09/08/22 15:15	DJL

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011203**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	8.602	10.00	ppbv	86%		70-130
Naphthalene	11.50	10.00	ppbv	115%		70-130
Freon 12	9.769	10.00	ppbv	98%		70-130
Freon 114	9.519	10.00	ppbv	95%		70-130
Chloromethane	7.786	10.00	ppbv	78%		70-130
Vinyl Chloride	8.518	10.00	ppbv	85%		70-130
Bromomethane	9.082	10.00	ppbv	91%		70-130
Chloroethane	8.622	10.00	ppbv	86%		70-130
Trichlorofluoromethane	10.49	10.00	ppbv	105%		70-130
1,1-Dichloroethene	9.408	10.00	ppbv	94%		70-130
Freon 113	9.760	10.00	ppbv	98%		70-130
Acetone	7.608	10.00	ppbv	76%		70-130
Carbon Disulfide	8.343	10.00	ppbv	83%		70-130
Isopropanol (IPA)	8.848	10.00	ppbv	88%		70-130
Methylene Chloride	7.571	10.00	ppbv	76%		70-130
trans-1,2-Dichloroethene	9.070	10.00	ppbv	91%		70-130
MTBE	9.932	10.00	ppbv	99%		70-130
n-Hexane	8.703	10.00	ppbv	87%		70-130
1,1-Dichloroethane	9.092	10.00	ppbv	91%		70-130
Vinyl Acetate	8.003	10.00	ppbv	80%		70-130
cis-1,2-Dichloroethene	9.088	10.00	ppbv	91%		70-130
2-Butanone	9.136	10.00	ppbv	91%		70-130
Chloroform	9.747	10.00	ppbv	97%		70-130
1,1,1-Trichloroethane	10.57	10.00	ppbv	106%		70-130
Carbon Tetrachloride	10.82	10.00	ppbv	108%		70-130
Benzene	9.055	10.00	ppbv	91%		70-130
1,2-Dichloroethane	10.25	10.00	ppbv	102%		70-130
Trichloroethene	9.773	10.00	ppbv	98%		70-130
1,2-Dichloropropane	8.290	10.00	ppbv	83%		70-130
Bromodichloromethane	10.00	10.00	ppbv	100%		70-130
cis-1,3-Dichloropropene	10.03	10.00	ppbv	100%		70-130
4-Methyl-2-Pentanone	9.774	10.00	ppbv	98%		70-130
Toluene	10.07	10.00	ppbv	101%		70-130
trans-1,3-Dichloropropene	10.39	10.00	ppbv	104%		70-130
1,1,2-Trichloroethane	9.783	10.00	ppbv	98%		70-130
Tetrachloroethene	10.13	10.00	ppbv	101%		70-130
2-Hexanone	10.74	10.00	ppbv	107%	b	70-130
Dibromochloromethane	10.96	10.00	ppbv	110%		70-130
1,2-Dibromoethane	10.27	10.00	ppbv	103%		70-130
Chlorobenzene	9.535	10.00	ppbv	95%		70-130
Ethylbenzene	9.897	10.00	ppbv	99%		70-130
m,p-Xylenes	20.72	20.00	ppbv	104%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1011203 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	10.67	10.00	ppbv	107%		70-130
Styrene	10.65	10.00	ppbv	106%		70-130
Bromoform	10.95	10.00	ppbv	110%		70-130
1,1,2,2-Tetrachloroethane	9.285	10.00	ppbv	93%		70-130
1,1,1,2-Tetrachloroethane	10.09	10.00	ppbv	101%		70-130
4-Ethyltoluene	10.84	10.00	ppbv	108%		70-130
1,3,5-Trimethylbenzene	10.84	10.00	ppbv	108%		70-130
1,2,4-Trimethylbenzene	10.68	10.00	ppbv	107%		70-130
1,3-Dichlorobenzene	10.63	10.00	ppbv	106%		70-130
1,4-Dichlorobenzene	11.23	10.00	ppbv	112%		70-130
Benzyl chloride	11.98	10.00	ppbv	120%		70-130
1,2-Dichlorobenzene	10.35	10.00	ppbv	103%		70-130
1,2,4-Trichlorobenzene	11.60	10.00	ppbv	116%		70-130
Hexachlorobutadiene	10.64	10.00	ppbv	106%		70-130
Surrogates						
Bromofluorobenzene	10.62	10.00	ppbv	106%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011204**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	8.943	10.00	ppbv	89%		70-130	4	25
Naphthalene	11.65	10.00	ppbv	117%		70-130	1	25
Freon 12	9.796	10.00	ppbv	98%		70-130	0	25
Freon 114	9.660	10.00	ppbv	97%		70-130	1	25
Chloromethane	7.709	10.00	ppbv	77%		70-130	1	25
Vinyl Chloride	8.560	10.00	ppbv	86%		70-130	0	25
Bromomethane	9.051	10.00	ppbv	91%		70-130	0	25
Chloroethane	8.400	10.00	ppbv	84%		70-130	3	25
Trichlorofluoromethane	10.23	10.00	ppbv	102%		70-130	2	25
1,1-Dichloroethene	9.367	10.00	ppbv	94%		70-130	0	25
Freon 113	9.606	10.00	ppbv	96%		70-130	2	25
Acetone	8.018	10.00	ppbv	80%		70-130	5	25
Carbon Disulfide	9.218	10.00	ppbv	92%		70-130	10	25
Isopropanol (IPA)	8.828	10.00	ppbv	88%		70-130	0	25
Methylene Chloride	7.550	10.00	ppbv	76%		70-130	0	25
trans-1,2-Dichloroethene	9.119	10.00	ppbv	91%		70-130	1	25
MTBE	9.911	10.00	ppbv	99%		70-130	0	25
n-Hexane	8.715	10.00	ppbv	87%		70-130	0	25
1,1-Dichloroethane	8.964	10.00	ppbv	90%		70-130	1	25
Vinyl Acetate	8.361	10.00	ppbv	84%		70-130	4	25
cis-1,2-Dichloroethene	9.115	10.00	ppbv	91%		70-130	0	25
2-Butanone	9.058	10.00	ppbv	91%		70-130	1	25
Chloroform	9.726	10.00	ppbv	97%		70-130	0	25
1,1,1-Trichloroethane	10.52	10.00	ppbv	105%		70-130	0	25
Carbon Tetrachloride	10.87	10.00	ppbv	109%		70-130	0	25
Benzene	9.007	10.00	ppbv	90%		70-130	1	25
1,2-Dichloroethane	10.18	10.00	ppbv	102%		70-130	1	25
Trichloroethene	9.859	10.00	ppbv	99%		70-130	1	25
1,2-Dichloropropane	8.407	10.00	ppbv	84%		70-130	1	25
Bromodichloromethane	9.941	10.00	ppbv	99%		70-130	1	25
cis-1,3-Dichloropropene	10.63	10.00	ppbv	106%		70-130	6	25
4-Methyl-2-Pentanone	9.622	10.00	ppbv	96%		70-130	2	25
Toluene	10.22	10.00	ppbv	102%		70-130	1	25
trans-1,3-Dichloropropene	10.40	10.00	ppbv	104%		70-130	0	25
1,1,2-Trichloroethane	9.878	10.00	ppbv	99%		70-130	1	25
Tetrachloroethene	10.20	10.00	ppbv	102%		70-130	1	25
2-Hexanone	10.94	10.00	ppbv	109%	b	70-130	2	25
Dibromochloromethane	11.05	10.00	ppbv	110%		70-130	1	25
1,2-Dibromoethane	10.42	10.00	ppbv	104%		70-130	1	25
Chlorobenzene	9.458	10.00	ppbv	95%		70-130	1	25
Ethylbenzene	10.18	10.00	ppbv	102%		70-130	3	25

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Batch QC

QC1011204 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	21.42	20.00	ppbv	107%		70-130	3	25
o-Xylene	10.97	10.00	ppbv	110%		70-130	3	25
Styrene	11.32	10.00	ppbv	113%		70-130	6	25
Bromoform	11.09	10.00	ppbv	111%		70-130	1	25
1,1,2,2-Tetrachloroethane	9.721	10.00	ppbv	97%		70-130	5	25
1,1,1,2-Tetrachloroethane	10.37	10.00	ppbv	104%		70-130	3	25
4-Ethyltoluene	11.11	10.00	ppbv	111%		70-130	2	25
1,3,5-Trimethylbenzene	11.13	10.00	ppbv	111%		70-130	3	25
1,2,4-Trimethylbenzene	10.92	10.00	ppbv	109%		70-130	2	25
1,3-Dichlorobenzene	10.87	10.00	ppbv	109%		70-130	2	25
1,4-Dichlorobenzene	11.64	10.00	ppbv	116%		70-130	4	25
Benzyl chloride	12.39	10.00	ppbv	124%		70-130	3	25
1,2-Dichlorobenzene	10.59	10.00	ppbv	106%		70-130	2	25
1,2,4-Trichlorobenzene	11.63	10.00	ppbv	116%		70-130	0	25
Hexachlorobutadiene	10.48	10.00	ppbv	105%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.50	10.00	ppbv	105%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011205**	**Batch:**	**296427**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011205 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Naphthalene	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Freon 12	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Freon 114	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Vinyl Chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromomethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Trichlorofluoromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Freon 113	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Acetone	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Carbon Disulfide	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Isopropanol (IPA)	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Methylene Chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
MTBE	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
n-Hexane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1-Dichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Vinyl Acetate	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
2-Butanone	ND		ppbv	1.0	09/07/22 21:13	09/07/22 21:13
Chloroform	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,1-Trichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Carbon Tetrachloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Benzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Trichloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichloropropane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromodichloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Toluene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,2-Trichloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Tetrachloroethene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
2-Hexanone	ND		ppbv	0.50	09/07/22 21:13	09/07/22 21:13
Dibromochloromethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dibromoethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Chlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Ethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
m,p-Xylenes	ND		ppbv	0.40	09/07/22 21:13	09/07/22 21:13

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Batch QC

QC1011205 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Styrene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Bromoform	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
4-Ethyltoluene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,3-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,4-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Benzyl chloride	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2-Dichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Hexachlorobutadiene	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Xylene (total)	ND		ppbv	0.20	09/07/22 21:13	09/07/22 21:13
Surrogates				**Limits**		
Bromofluorobenzene	107%		%REC	60-140	09/07/22 21:13	09/07/22 21:13

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011206**	**Batch:**	**296428**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011206 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Difluoroethane	10.48	10.00	ppbv	105%		70-130
Naphthalene	9.462	10.00	ppbv	95%		70-130
Freon 12	10.54	10.00	ppbv	105%		70-130
Freon 114	10.49	10.00	ppbv	105%		70-130
Chloromethane	10.25	10.00	ppbv	102%		70-130
Vinyl Chloride	10.36	10.00	ppbv	104%		70-130
Bromomethane	10.26	10.00	ppbv	103%		70-130
Chloroethane	10.59	10.00	ppbv	106%		70-130
Trichlorofluoromethane	10.48	10.00	ppbv	105%		70-130
1,1-Dichloroethene	10.64	10.00	ppbv	106%		70-130
Freon 113	10.26	10.00	ppbv	103%		70-130
Acetone	9.558	10.00	ppbv	96%		70-130
Carbon Disulfide	10.37	10.00	ppbv	104%		70-130
Isopropanol (IPA)	11.10	10.00	ppbv	111%		70-130
Methylene Chloride	9.480	10.00	ppbv	95%		70-130
trans-1,2-Dichloroethene	10.54	10.00	ppbv	105%		70-130
MTBE	11.26	10.00	ppbv	113%		70-130
n-Hexane	10.65	10.00	ppbv	106%		70-130
1,1-Dichloroethane	10.36	10.00	ppbv	104%		70-130
Vinyl Acetate	8.331	10.00	ppbv	83%		70-130
cis-1,2-Dichloroethene	10.57	10.00	ppbv	106%		70-130
2-Butanone	10.49	10.00	ppbv	105%		70-130
Chloroform	10.39	10.00	ppbv	104%		70-130
1,1,1-Trichloroethane	10.64	10.00	ppbv	106%		70-130
Carbon Tetrachloride	10.23	10.00	ppbv	102%		70-130
Benzene	10.46	10.00	ppbv	105%		70-130
1,2-Dichloroethane	10.38	10.00	ppbv	104%		70-130
Trichloroethene	9.851	10.00	ppbv	99%		70-130
1,2-Dichloropropane	9.350	10.00	ppbv	94%		70-130
Bromodichloromethane	10.01	10.00	ppbv	100%		70-130
cis-1,3-Dichloropropene	10.25	10.00	ppbv	103%		70-130
4-Methyl-2-Pentanone	10.53	10.00	ppbv	105%		70-130
Toluene	10.24	10.00	ppbv	102%		70-130
trans-1,3-Dichloropropene	10.22	10.00	ppbv	102%		70-130
1,1,2-Trichloroethane	9.793	10.00	ppbv	98%		70-130
Tetrachloroethene	11.70	10.00	ppbv	117%		70-130
2-Hexanone	10.93	10.00	ppbv	109%		70-130
Dibromochloromethane	10.38	10.00	ppbv	104%		70-130
1,2-Dibromoethane	9.761	10.00	ppbv	98%		70-130
Chlorobenzene	9.963	10.00	ppbv	100%		70-130
Ethylbenzene	10.73	10.00	ppbv	107%		70-130
m,p-Xylenes	21.40	20.00	ppbv	107%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC1011206 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
o-Xylene	10.68	10.00	ppbv	107%		70-130
Styrene	10.75	10.00	ppbv	107%		70-130
Bromoform	11.98	10.00	ppbv	120%		70-130
1,1,2,2-Tetrachloroethane	10.03	10.00	ppbv	100%		70-130
1,1,1,2-Tetrachloroethane	10.04	10.00	ppbv	100%		70-130
4-Ethyltoluene	10.95	10.00	ppbv	110%		70-130
1,3,5-Trimethylbenzene	10.99	10.00	ppbv	110%		70-130
1,2,4-Trimethylbenzene	11.17	10.00	ppbv	112%		70-130
1,3-Dichlorobenzene	10.14	10.00	ppbv	101%		70-130
1,4-Dichlorobenzene	9.965	10.00	ppbv	100%		70-130
Benzyl chloride	11.10	10.00	ppbv	111%		70-130
1,2-Dichlorobenzene	10.45	10.00	ppbv	105%		70-130
1,2,4-Trichlorobenzene	9.446	10.00	ppbv	94%		70-130
Hexachlorobutadiene	10.13	10.00	ppbv	101%		70-130
Surrogates						
Bromofluorobenzene	9.860	10.00	ppbv	99%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011207**	**Batch:**	**296428**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011207 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Difluoroethane	10.34	10.00	ppbv	103%		70-130	1	25
Naphthalene	9.847	10.00	ppbv	98%		70-130	4	25
Freon 12	10.53	10.00	ppbv	105%		70-130	0	25
Freon 114	10.59	10.00	ppbv	106%		70-130	1	25
Chloromethane	10.25	10.00	ppbv	103%		70-130	0	25
Vinyl Chloride	10.40	10.00	ppbv	104%		70-130	0	25
Bromomethane	10.35	10.00	ppbv	103%		70-130	1	25
Chloroethane	10.58	10.00	ppbv	106%		70-130	0	25
Trichlorofluoromethane	10.46	10.00	ppbv	105%		70-130	0	25
1,1-Dichloroethene	10.70	10.00	ppbv	107%		70-130	1	25
Freon 113	10.30	10.00	ppbv	103%		70-130	0	25
Acetone	9.649	10.00	ppbv	96%		70-130	1	25
Carbon Disulfide	10.41	10.00	ppbv	104%		70-130	0	25
Isopropanol (IPA)	11.29	10.00	ppbv	113%		70-130	2	25
Methylene Chloride	9.495	10.00	ppbv	95%		70-130	0	25
trans-1,2-Dichloroethene	10.61	10.00	ppbv	106%		70-130	1	25
MTBE	11.40	10.00	ppbv	114%		70-130	1	25
n-Hexane	10.73	10.00	ppbv	107%		70-130	1	25
1,1-Dichloroethane	10.41	10.00	ppbv	104%		70-130	0	25
Vinyl Acetate	8.320	10.00	ppbv	83%		70-130	0	25
cis-1,2-Dichloroethene	10.69	10.00	ppbv	107%		70-130	1	25
2-Butanone	10.63	10.00	ppbv	106%		70-130	1	25
Chloroform	10.40	10.00	ppbv	104%		70-130	0	25
1,1,1-Trichloroethane	10.67	10.00	ppbv	107%		70-130	0	25
Carbon Tetrachloride	10.24	10.00	ppbv	102%		70-130	0	25
Benzene	10.51	10.00	ppbv	105%		70-130	0	25
1,2-Dichloroethane	10.45	10.00	ppbv	104%		70-130	1	25
Trichloroethene	9.862	10.00	ppbv	99%		70-130	0	25
1,2-Dichloropropane	9.413	10.00	ppbv	94%		70-130	1	25
Bromodichloromethane	10.03	10.00	ppbv	100%		70-130	0	25
cis-1,3-Dichloropropene	10.46	10.00	ppbv	105%		70-130	2	25
4-Methyl-2-Pentanone	10.58	10.00	ppbv	106%		70-130	1	25
Toluene	10.30	10.00	ppbv	103%		70-130	1	25
trans-1,3-Dichloropropene	10.39	10.00	ppbv	104%		70-130	2	25
1,1,2-Trichloroethane	9.880	10.00	ppbv	99%		70-130	1	25
Tetrachloroethene	11.74	10.00	ppbv	117%		70-130	0	25
2-Hexanone	10.98	10.00	ppbv	110%		70-130	0	25
Dibromochloromethane	10.46	10.00	ppbv	105%		70-130	1	25
1,2-Dibromoethane	9.873	10.00	ppbv	99%		70-130	1	25
Chlorobenzene	10.09	10.00	ppbv	101%		70-130	1	25
Ethylbenzene	10.87	10.00	ppbv	109%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC1011207 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
m,p-Xylenes	21.68	20.00	ppbv	108%		70-130	1	25
o-Xylene	10.81	10.00	ppbv	108%		70-130	1	25
Styrene	10.95	10.00	ppbv	110%		70-130	2	25
Bromoform	12.17	10.00	ppbv	122%		70-130	2	25
1,1,2,2-Tetrachloroethane	10.17	10.00	ppbv	102%		70-130	1	25
1,1,1,2-Tetrachloroethane	10.19	10.00	ppbv	102%		70-130	1	25
4-Ethyltoluene	11.09	10.00	ppbv	111%		70-130	1	25
1,3,5-Trimethylbenzene	11.05	10.00	ppbv	110%		70-130	1	25
1,2,4-Trimethylbenzene	11.31	10.00	ppbv	113%		70-130	1	25
1,3-Dichlorobenzene	10.29	10.00	ppbv	103%		70-130	1	25
1,4-Dichlorobenzene	10.20	10.00	ppbv	102%		70-130	2	25
Benzyl chloride	11.38	10.00	ppbv	114%		70-130	3	25
1,2-Dichlorobenzene	10.65	10.00	ppbv	107%		70-130	2	25
1,2,4-Trichlorobenzene	9.819	10.00	ppbv	98%		70-130	4	25
Hexachlorobutadiene	10.19	10.00	ppbv	102%		70-130	1	25
Surrogates								
Bromofluorobenzene	9.785	10.00	ppbv	98%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011208**	**Batch:**	**296428**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC1011208 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,1-Difluoroethane	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
Naphthalene	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
Freon 12	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Freon 114	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Chloromethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Vinyl Chloride	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Bromomethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Chloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Trichlorofluoromethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1-Dichloroethene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Freon 113	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Acetone	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
Carbon Disulfide	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Isopropanol (IPA)	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
Methylene Chloride	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
trans-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
MTBE	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
n-Hexane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1-Dichloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Vinyl Acetate	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
cis-1,2-Dichloroethene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
2-Butanone	ND		ppbv	1.0	09/07/22 11:59	09/07/22 11:59
Chloroform	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1,1-Trichloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Carbon Tetrachloride	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Benzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2-Dichloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Trichloroethene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2-Dichloropropane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Bromodichloromethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
cis-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
4-Methyl-2-Pentanone	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Toluene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
trans-1,3-Dichloropropene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1,2-Trichloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Tetrachloroethene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
2-Hexanone	ND		ppbv	0.50	09/07/22 11:59	09/07/22 11:59
Dibromochloromethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2-Dibromoethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Chlorobenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Ethylbenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
m,p-Xylenes	ND		ppbv	0.40	09/07/22 11:59	09/07/22 11:59

ENTHALPY ANALYTICAL

Batch QC

QC1011208 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
o-Xylene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Styrene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Bromoform	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,1,1,2-Tetrachloroethane	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
4-Ethyltoluene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,3,5-Trimethylbenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2,4-Trimethylbenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,3-Dichlorobenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,4-Dichlorobenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Benzyl chloride	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2-Dichlorobenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
1,2,4-Trichlorobenzene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Hexachlorobutadiene	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Xylene (total)	ND		ppbv	0.20	09/07/22 11:59	09/07/22 11:59
Surrogates				**Limits**		
Bromofluorobenzene	99%		%REC	60-140	09/07/22 11:59	09/07/22 11:59

ND Not Detected
b See narrative

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

enthalpy.com

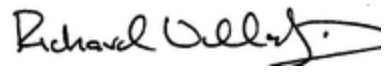
Lab Job Number:	468213
Report Level:	II
Report Date:	09/07/2022

Analytical Report *prepared for:*

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #:	468213
Project No:	CULVER CROSSING
Location:	C20100.01
Date Received:	08/30/22

Sample ID	Lab ID	Collected	Matrix
SVP-9-1	468213-001	08/29/22 11:20	Soil
SVP-9-5	468213-002	08/29/22 12:50	Soil
SVP-9-15	468213-003	08/29/22 13:26	Soil
SVP-9-25	468213-004	08/29/22 14:05	Soil
SVP-9-22	468213-005	08/29/22 14:55	Soil
SVP-2-1	468213-006	08/29/22 08:40	Soil
SVP-2-5	468213-007	08/29/22 08:55	Soil
SVP-2-15	468213-008	08/29/22 10:45	Soil
SVP-2-25	468213-009	08/29/22 11:20	Soil
SVP-1-1	468213-010	08/29/22 12:50	Soil
SVP-1-5	468213-011	08/29/22 13:30	Soil
SVP-1-15	468213-012	08/29/22 13:50	Soil
SVP-1-20	468213-013	08/29/22 14:30	Soil
SVP-9-15	468213-014	08/29/22 14:00	Soil

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Case Narrative

EKI Environment & Water, Inc. 2355 Main Street Suite 210 Irvine, CA 92614 Chris Ingalls	Lab Job Number: 468213 Project No: CULVER CROSSING Location: C20100.01 Date Received: 08/30/22

This data package contains sample and QC results for thirteen soil samples, requested for the above referenced project on 08/30/22. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:
Electronic Format: EDD Hard Copy Format: PDF
EPA Data Report Level:
Please report results to the following people:
(1) Data Archive: labs@ekiconsult.com
(2) jcurran@ekiconsult.com
(3) phoffey@ekiconsult.com
(4) cingalls@ekiconsult.com

Laboratory:
Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
(714) 771 - 6900
Quote #EKI080822

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220829-1

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	Method No. / Analyte / Group: EPA 8260 (5035) VOCs	EPA 6020B Lead	EPA 8260 VOCs plus Oxygenates	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Remarks
SVP-9-1		8/29/22	1120	Soil	3 X VOA	X					3 day TAT	Standard 3 day TAT
SVP-9-5			1150			X						
SVP-9-5.5			1245			X						
SVP-9-15			1326			X						
SVP-9-15.5			1320			X						
SVP-9-25			1405			X						
SVP-9-25.5			1340			X						
SVP-9-22			1455			X						
SVP-2-1			0840			X						
SVP-2-5			0855			X						
SVP-2-15			1045			X						
SVP-2-25			1120			X						

Special Instructions:

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
EKI	8/29/22 14:35	
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

EKI COC No.: (YYYYMMDD-#) 20220829-2

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:

(1) ~~Data Archive: labs@ekiconsult.com~~

(2) jcurran@ekiconsult.com

(3) phoffey@ekiconsult.com

(4) cingalls@ekiconsult.com

Laboratory:

Enthalpy Analytical
931 W. Barkley Ave
[redacted]
Orange CA, 92868
quote # EK108 0822

ANALYSES REQUESTED

Method No.	ASTM D2216	ASTM D422	API RP 40	ASTM D2937	EPA 8260							Extract and HOLD	HOLD
Analyte / Group	Soil Moisture	Grain size distribution (sieve & hydrometer)	Porosity	Bulk Density	VOCs								

EXPECTED TURNAROUND TIME

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type											Remarks
SVP-1-[redacted]		8/29/22	1250	Soil	3x voa				X							~~5 day TAT~~ Standard 5 day TAT
SVP-1-5			1330						X							
SVP-1-15			1350						X							
SVP-1-20			1430						X							

Special Instructions:

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
[signature] EKI	8/29/22 14:35	
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

468213

EKI Environment & Water, Inc. **CHAIN OF CUSTODY RECORD** PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing	**Project No.:** C20100.01
Location: 8876 Venice Blvd. Culver City, CA.	**Sampled By:** Julia Hernandez & Christian Concha
Reporting: Electronic Format: EDD Hard Copy Format: PDF EPA Data Report Level: Please report results to the following people: (1) Data Archive: labs@ekiconsult.com (2) jcurran@ekiconsult.com (3) phoffey@ekiconsult.com (4) cingalls@ekiconsult.com	**Laboratory:** Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868 (714) 771 - 6900 Quote #EKI080822

ANALYSES REQUESTED

Method No.	EPA 8260 (5035)	EPA 6020B	EPA 8260											Extract and HOLD	HOLD
Analyte / Group	VOCs	Lead	VOCs plus Oxygenates												

EKI COC No.: (YYYYMMDD-#) 20220829-1

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	EXPECTED TURNAROUND TIME	Remarks
SVP-9-1-1.5		8/29/22	1120	Soil	3x VOA	3 day TAT	
SVP-9-5-5.5			1250				
~~SVP-9-5.5-6~~			~~1045~~				
SVP-9-15-15.5			~~1330~~ 1320				
~~SVP-9-15.5-16~~			~~1320~~				
SVP-9-25-25.5			1405				
~~SVP-9-25.5-26~~			1340				
SVP-9-22-22.5			1455				
SVP-2-1			0840				
SVP-2-5			0855				
SVP-2-15			1045				
SVP-2-25			1120				

Special Instructions:

Relinquished by: (Signature/Affiliation) EKI	**Date & Time** 8/29/22 14:35	**Received by:** (Signature/Affiliation or Carrier/Air Bill No.) HAND TRAN - Enthalpy 8-30-22 10:18AM
Relinquished by: (Signature/Affiliation) HAND TRAN - ENTHALPY	**Date & Time** 8-30-22 14:52	**Received by:** (Signature/Affiliation) ENTHALPY
Relinquished by: (Signature/Affiliation)	**Date & Time**	**Received by:** (Signature/Affiliation)

3-2/V-7

468213

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

EKI COC No.: (YYYYMMDD-#) 20220829-2

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:
(1) Data Archive: labs@ekiconsult.com
(2) jcurran@ekiconsult.com
(3) phoffey@ekiconsult.com
(4) cingalls@ekiconsult.com

Laboratory: Enthalpy Analytical 931 W. Barkley Ave ~~[illegible]~~ Orange CA, 92868

Revision: ________ (A, B, C, D, etc.)

Date: By:

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	Method No. / Analyte / Group	ASTM D2216 Soil Moisture	ASTM D422 Grain size distribution (sieve & hydrometer)	API RP 40 Porosity	ASTM D2937 Bulk Density	EPA 8260 VOCs						Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Remarks
SVP-1-1		8/29/22	1250	Soil	3x vod						X								3 day TAT	
SVP-1-5		↓	1330	↓	↓						X								↓	
SVP-1-15		↓	1350	↓	↓						X								↓	
SVP-1-20		↓	1430	↓	↓						X								↓	

Special Instructions:

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
[signature] EKI	8/29/22 14:35	Hao Tran Enthalpy 8-30-22 10:18am
Hao Tran Enthalpy	8-30-22 14:52	[signature] Enthalpy

3.2 / 5.7

7 of 37

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI

Project: C20100.01

Date Received: 08/30/22

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: 5.7 #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: 3.2 #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

Received 3 vials labeled as "SVP-9-15-15.5" timed at 14:00 not listed on the COC.
3 additional vials received for "SVP-9-25-25.5" (Sample 4) empty with no sample.

Section 6

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

☑ Email (email sent to/on): RMV/JG / 08/30/22

Project Manager's response:

Completed By: _____ Date: 8/30/22

ENTHALPY ANALYTICAL

Analysis Results for 468213

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468213
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 08/30/22

Sample ID: SVP-9-1 **Lab ID: 468213-001** **Collected: 08/29/22 11:20**
Matrix: Soil

468213-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	75	0.75	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	75	0.75	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	7.5	0.75	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	3.8	0.75	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.75	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	0.75	296066	08/31/22	08/31/22	LYZ
Toluene-d8	98%		%REC	70-145	0.75	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	94%		%REC	70-145	0.75	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-9-5	Lab ID: 468213-002	Collected: 08/29/22 12:50
	Matrix: Soil	

468213-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	91	0.91	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	91	0.91	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	9.1	0.91	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.5	0.91	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.91	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	0.91	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.91	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.91	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-9-15	Lab ID: 468213-003	Collected: 08/29/22 13:26
	Matrix: Soil	

468213-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	76	0.76	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	76	0.76	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	7.6	0.76	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	3.8	0.76	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.76	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-145	0.76	296066	08/31/22	08/31/22	LYZ
Toluene-d8	99%		%REC	70-145	0.76	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.76	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-9-25	Lab ID: 468213-004	Collected: 08/29/22 14:05
	Matrix: Soil	

468213-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	83	0.83	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	83	0.83	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	8.3	0.83	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.2	0.83	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.83	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	0.83	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.83	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	100%		%REC	70-145	0.83	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-9-22	Lab ID: 468213-005	Collected: 08/29/22 14:55
	Matrix: Soil	

468213-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	82	0.82	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	82	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	8.2	0.82	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	106%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	102%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-2-1	Lab ID: 468213-006	Collected: 08/29/22 08:40
	Matrix: Soil	

468213-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	90	0.9	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	90	0.9	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	9.0	0.9	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.5	0.9	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.9	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	104%		%REC	70-145	0.9	296066	08/31/22	08/31/22	LYZ
Toluene-d8	100%		%REC	70-145	0.9	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.9	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-2-5	Lab ID: 468213-007	Collected: 08/29/22 08:55
	Matrix: Soil	

468213-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	60	0.6	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	60	0.6	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	6.0	0.6	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	3.0	0.6	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.6	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	0.6	296066	08/31/22	08/31/22	LYZ
Toluene-d8	99%		%REC	70-145	0.6	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	100%		%REC	70-145	0.6	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-2-15	Lab ID: 468213-008	Collected: 08/29/22 10:45
	Matrix: Soil	

468213-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	81	0.81	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	81	0.81	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	8.1	0.81	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.1	0.81	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	0.81	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	103%		%REC	70-145	0.81	296066	08/31/22	08/31/22	LYZ
Toluene-d8	98%		%REC	70-145	0.81	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	100%		%REC	70-145	0.81	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-2-25	Lab ID: 468213-009	Collected: 08/29/22 11:20
	Matrix: Soil	

468213-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	67	0.67	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	67	0.67	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	6.7	0.67	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	3.4	0.67	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.67	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-145	0.67	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.67	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.67	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-1-1	Lab ID: 468213-010	Collected: 08/29/22 12:50
	Matrix: Soil	

468213-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	100	1	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	100	1	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	10	1	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	5.2	1	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	1	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	1	296066	08/31/22	08/31/22	LYZ
Toluene-d8	100%		%REC	70-145	1	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	101%		%REC	70-145	1	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-1-5	Lab ID: 468213-011	Collected: 08/29/22 13:30
	Matrix: Soil	

468213-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	70	0.7	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	70	0.7	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	7.0	0.7	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	3.5	0.7	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	0.7	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-145	0.7	296066	08/31/22	08/31/22	LYZ
Toluene-d8	98%		%REC	70-145	0.7	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.7	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-1-15	Lab ID: 468213-012	Collected: 08/29/22 13:50
	Matrix: Soil	

468213-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	80	0.8	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	80	0.8	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-012 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	8.0	0.8	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.0	0.8	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	101%		%REC	70-145	0.8	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-145	0.8	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.8	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	99%		%REC	70-145	0.8	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

Sample ID: SVP-1-20	Lab ID: 468213-013	Collected: 08/29/22 14:30
	Matrix: Soil	

468213-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Freon 12	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Vinyl Chloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromomethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Trichlorofluoromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Acetone	ND		ug/Kg	82	0.82	296066	08/31/22	08/31/22	LYZ
Freon 113	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Methylene Chloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
MTBE	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2-Butanone	ND		ug/Kg	82	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2,2-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chloroform	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromochloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Carbon Tetrachloride	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Benzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Trichloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromodichloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Dibromomethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Toluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3-Dichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Tetrachloroethene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Dibromochloromethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dibromoethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Chlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ

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

ENTHALPY ANALYTICAL

Analysis Results for 468213

468213-013 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Ethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
m,p-Xylenes	ND		ug/Kg	8.2	0.82	296066	08/31/22	08/31/22	LYZ
o-Xylene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Styrene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromoform	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Isopropylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Propylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Bromobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
2-Chlorotoluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
4-Chlorotoluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
tert-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
sec-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
n-Butylbenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Hexachlorobutadiene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Naphthalene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Xylene (total)	ND		ug/Kg	4.1	0.82	296066	08/31/22	08/31/22	LYZ
Surrogates				**Limits**					
Dibromofluoromethane	100%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
1,2-Dichloroethane-d4	102%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
Toluene-d8	101%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ
Bromofluorobenzene	101%		%REC	70-145	0.82	296066	08/31/22	08/31/22	LYZ

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1009923	Batch: 296066
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1009923 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.16	50.00	ug/Kg	112%		70-131
MTBE	54.31	50.00	ug/Kg	109%		69-130
Benzene	55.76	50.00	ug/Kg	112%		70-130
Trichloroethene	53.75	50.00	ug/Kg	107%		70-130
Toluene	57.16	50.00	ug/Kg	114%		70-130
Chlorobenzene	56.74	50.00	ug/Kg	113%		70-130
Surrogates						
Dibromofluoromethane	49.34	50.00	ug/Kg	99%		70-130
1,2-Dichloroethane-d4	47.65	50.00	ug/Kg	95%		70-145
Toluene-d8	50.96	50.00	ug/Kg	102%		70-145
Bromofluorobenzene	49.83	50.00	ug/Kg	100%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1009924	Batch: 296066
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1009924 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	57.35	50.00	ug/Kg	115%		70-131	2	33
MTBE	53.44	50.00	ug/Kg	107%		69-130	2	30
Benzene	55.62	50.00	ug/Kg	111%		70-130	0	30
Trichloroethene	53.30	50.00	ug/Kg	107%		70-130	1	30
Toluene	57.35	50.00	ug/Kg	115%		70-130	0	30
Chlorobenzene	55.99	50.00	ug/Kg	112%		70-130	1	30
Surrogates								
Dibromofluoromethane	49.98	50.00	ug/Kg	100%		70-130		
1,2-Dichloroethane-d4	47.14	50.00	ug/Kg	94%		70-145		
Toluene-d8	50.48	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	49.39	50.00	ug/Kg	99%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1009925	**Batch:** 296066	
Matrix: Soil	**Method:** EPA 8260B	**Prep Method:** EPA 5035	

QC1009925 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	08/30/22	08/30/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	08/30/22	08/30/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	08/30/22	08/30/22
Freon 12	ND		ug/Kg	5.0	08/30/22	08/30/22
Chloromethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Vinyl Chloride	ND		ug/Kg	5.0	08/30/22	08/30/22
Bromomethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Chloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Trichlorofluoromethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Acetone	ND		ug/Kg	100	08/30/22	08/30/22
Freon 113	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1-Dichloroethene	ND		ug/Kg	5.0	08/30/22	08/30/22
Methylene Chloride	ND		ug/Kg	5.0	08/30/22	08/30/22
MTBE	ND		ug/Kg	5.0	08/30/22	08/30/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1-Dichloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
2-Butanone	ND		ug/Kg	100	08/30/22	08/30/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	08/30/22	08/30/22
2,2-Dichloropropane	ND		ug/Kg	5.0	08/30/22	08/30/22
Chloroform	ND		ug/Kg	5.0	08/30/22	08/30/22
Bromochloromethane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1-Dichloropropene	ND		ug/Kg	5.0	08/30/22	08/30/22
Carbon Tetrachloride	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2-Dichloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Benzene	ND		ug/Kg	5.0	08/30/22	08/30/22
Trichloroethene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2-Dichloropropane	ND		ug/Kg	5.0	08/30/22	08/30/22
Bromodichloromethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Dibromomethane	ND		ug/Kg	5.0	08/30/22	08/30/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	08/30/22	08/30/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	08/30/22	08/30/22
Toluene	ND		ug/Kg	5.0	08/30/22	08/30/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,3-Dichloropropane	ND		ug/Kg	5.0	08/30/22	08/30/22
Tetrachloroethene	ND		ug/Kg	5.0	08/30/22	08/30/22
Dibromochloromethane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2-Dibromoethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Chlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
Ethylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22

ENTHALPY ANALYTICAL

Batch QC

QC1009925 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
m,p-Xylenes	ND		ug/Kg	10	08/30/22	08/30/22
o-Xylene	ND		ug/Kg	5.0	08/30/22	08/30/22
Styrene	ND		ug/Kg	5.0	08/30/22	08/30/22
Bromoform	ND		ug/Kg	5.0	08/30/22	08/30/22
Isopropylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	08/30/22	08/30/22
Propylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
Bromobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
2-Chlorotoluene	ND		ug/Kg	5.0	08/30/22	08/30/22
4-Chlorotoluene	ND		ug/Kg	5.0	08/30/22	08/30/22
tert-Butylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
sec-Butylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
n-Butylbenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
Hexachlorobutadiene	ND		ug/Kg	5.0	08/30/22	08/30/22
Naphthalene	ND		ug/Kg	5.0	08/30/22	08/30/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	08/30/22	08/30/22
Xylene (total)	ND		ug/Kg	5.0	08/30/22	08/30/22
Surrogates				**Limits**		
Dibromofluoromethane	97%		%REC	70-130	08/30/22	08/30/22
1,2-Dichloroethane-d4	95%		%REC	70-145	08/30/22	08/30/22
Toluene-d8	101%		%REC	70-145	08/30/22	08/30/22
Bromofluorobenzene	98%		%REC	70-145	08/30/22	08/30/22

ND Not Detected

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

enthalpy.com

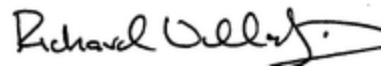
Lab Job Number: 468400
Report Level: II
Report Date: 09/12/2022

Analytical Report *prepared for:*

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #:	468400
Project No:	CULVER CROSSING
Location:	C20100.01
Date Received:	09/01/22

Sample ID	Lab ID	Collected	Matrix
SVP-4-1	468400-001	08/31/22 08:05	Soil
SVP-4-5	468400-002	08/31/22 08:15	Soil
SVP-4-15	468400-003	08/31/22 09:00	Soil
SVP-4-25	468400-004	08/31/22 11:00	Soil
SVP-3-1	468400-005	08/31/22 15:05	Soil
SVP-3-5	468400-006	08/31/22 15:15	Soil
SVP-3-15	468400-007	08/31/22 16:15	Soil
SVP-5-1	468400-008	08/31/22 08:05	Soil
SVP-5-5	468400-009	08/31/22 08:35	Soil
SVP-5-15	468400-010	08/31/22 08:50	Soil
SVP-5-25	468400-011	08/31/22 09:15	Soil
SVP-6-1	468400-012	08/31/22 10:35	Soil
SVP-6-3	468400-013	08/31/22 12:10	Soil
SVP-6-5	468400-014	08/31/22 12:35	Soil
SVP-6-15	468400-015	08/31/22 12:45	Soil
SVP-6-25	468400-016	08/31/22 12:55	Soil
SVP-10-1	468400-017	08/31/22 14:35	Soil
SVP-10-5	468400-018	08/31/22 15:05	Soil
SVP-10-15	468400-019	08/31/22 15:20	Soil
SVP-10-25	468400-020	08/31/22 15:35	Soil
SVP-3-25	468400-021	08/31/22 17:15	Soil
TRIP BLANK	468400-022	08/31/22 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

EKI Environment & Water, Inc. 2355 Main Street Suite 210 Irvine, CA 92614 Chris Ingalls	Lab Job Number: 468400 Project No: CULVER CROSSING Location: C20100.01 Date Received: 09/01/22

This data package contains sample and QC results for twenty one soil samples, requested for the above referenced project on 09/01/22. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Metals (EPA 6020):
No analytical problems were encountered.

Moisture (ASTM D2216):
No analytical problems were encountered.

468400

EKI Environment & Water, Inc. — **CHAIN OF CUSTODY RECORD** — PAGE 1 OF 2

CONSULTING ENGINEERS AND SCIENTISTS — Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 — PHONE: 650-292-9100 — http://www.ekiconsult.com

Project Name: Culver Crossing

Project No.: C20100.01

EKI COC No.: (YYYYMMDD-#) 20220831-1

Location: ~~8876 Venice Blvd. Culver City, CA.~~

Sampled By: Julia Hernandez & Christian Concha

Reporting:

Electronic Format: EDD   Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:

~~(1) Data Archive: labs@ekiconsult.com~~
(2) jcurran@ekiconsult.com
(3) phoffey@ekiconsult.com
(4) cingalls@ekiconsult.com

Laboratory:

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
(714) 771 - 6900
Quote #EKI080822

ANALYSES REQUESTED (Method No. / Analyte / Group): EPA 8260 (5035) VOCs; EPA 6020B Lead; EPA 8260 VOCs plus Oxygenates; ~~[illegible]~~ Moisture content; Extract and HOLD; HOLD

Revision: ______ (A, B, C, D, etc.)   Date: By:

5.5/1.4

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	EPA 8260 (5035) VOCs	EPA 6020B Lead	EPA 8260 VOCs plus Oxygenates	Moisture content	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Remarks
SVP-4-1		8/31/22	0805	Soil	3x VOA, 1x4oz jar	X			X			~~3 day TAT~~ 5-day TAT	Report all 8260B analysis in dry weight.
SVP-4-5		↓	0815	Soil	↓	X			X			↓	
SVP-4-15			0900	Soil		X			X				
SVP-4-25			1100	Soil		X			X				
SVP-3-1			1505	Soil		X			X				
SVP-3-5			1515	Soil		X			X				
SVP-3-15			1615	Soil		X			X				
SVP-5-1			0805	Soil		X			X				
SVP-5-5			0835	Soil		X			X				
SVP-5-15			0850	Soil		X			X				
SVP-5-25			0915	Soil		X			X				
SVP-6-1		↓	1035	Soil	1x VOA, 1x 4oz, 1x Bag	X	X		X			↓	

Special Instructions: ~~Standard~~ 5-day TAT for all samples

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
[signature] EKI	8/31/22 20:13	[signature] ONG 9-1-22 [illegible]
[signature] EA	ONG 9-1-22 1630	[signature] EA 9-1-22 16:30

468400

EKI Environment & Water, Inc. **CHAIN OF CUSTODY RECORD** PAGE 2 OF 2

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing

Location: 8876 Venice Blvd. Culver City, CA.

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:

~~(1) Data Archive: labs@ekiconsult.com~~

(2) jcurran@ekiconsult.com

(3) phoffey@ekiconsult.com

(4) cingalls@ekiconsult.com

Project No.: C20100.01

Sampled By: Julia Hernandez & Christian Concha

Laboratory:

Enthalpy Analytical
931 W. Barkley Ave.
Orange, CA 92868
(714) 771 - 6900
Quote #EKI080822

EKI COC No.: (YYYYMMDD-#) 20220831-2

Revision: ______ (A, B, C, D, etc.)

Date: By:

5.5/1.4

ANALYSES REQUESTED

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	EPA 8260 (5035) VOCs	EPA 6020B Lead	EPA 8260 VOCs plus Oxygenates	Moisture Content	Extract and HOLD	HOLD	Expected Turnaround Time	Remarks
SVP-6-3		8/31/22	1210	Soil	3x VOA, 1x4oz, 1x8oz	X	X		X			5 day TAT C.G.	
SVP-6-5		(↓)	1235		3xVOA, 1x4oz	X			X			(↓)	Report all 8260B analysis in dry weight.
SVP-6-15		(↓)	1245		(↓)	X			X			(↓)	
SVP-6-25		(↓)	1255		(↓)	X			X			(↓)	
SVP-10-1		(↓)	1435		(↓)	X			X			(↓)	
SVP-10-5		(↓)	1505		(↓)	X			X			(↓)	
SVP-10-15		(↓)	1520		(↓)	X			X			(↓)	
SVP-10-25		(↓)	1535		(↓)	X			X			(↓)	
SVP-3-25		(↓)	1745		(↓)	X			X			(↓)	

Special Instructions: 5-day TAT for all samples

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
[signature] EKI	8/31/22 20:13	[signature] 9-1-22 1327
Relinquished by: (Signature/Affiliation) [signature] EA	Date & Time 9-1-22 1630	Received by: (Signature/Affiliation) [signature] EA 9-1-22 16:30
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI Environment & Water, Inc. Project: C20100.01

Date Received: 09/01/22 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: 5.5 #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: 1.4 #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?	✔	✔		EM 9/1/22
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?		✔	✔	EM 9/1/22
Was a sufficient amount of sample submitted for the requested tests?	✔			

Section 5 Explanations/Comments

Received 2 Trip Blank Vials not listed on COC.

Section 6

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

☑ Email (email sent to/on): RMV / 9/1/22

Project Manager's response:

Completed By: _____ Date: 9/1/22

ENTHALPY ANALYTICAL

Analysis Results for 468400

Chris Ingalls
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468400
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/01/22

Sample ID: SVP-4-1 **Lab ID: 468400-001** **Collected: 08/31/22 08:05**
Matrix: Soil **Basis: Dry**

468400-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**9**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	92	0.83	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	9.2	0.83	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	92	0.83	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Dibromochloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	9.2	0.83	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	106%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
Toluene-d8	99%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

Sample ID: SVP-4-5	Lab ID: 468400-002	Collected: 08/31/22 08:15
	Matrix: Soil	Basis: Dry

468400-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**11**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	130	1.2	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	13	1.2	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	130	1.2	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	13	1.2	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	6.7	1.2	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	1.2	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	101%		%REC	70-145	1.2	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	1.2	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	100%		%REC	70-145	1.2	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-4-15	Lab ID: 468400-003	Collected: 08/31/22 09:00
	Matrix: Soil	Basis: Dry

468400-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**15**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	120	0.99	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	12	0.99	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	120	0.99	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	12	0.99	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	5.8	0.99	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.99	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	104%		%REC	70-145	0.99	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	0.99	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.99	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-4-25	Lab ID: 468400-004	Collected: 08/31/22 11:00
	Matrix: Soil	Basis: Dry

468400-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**7**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	12	1.1	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	12	1.1	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	102%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	94%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Toluene-d8	105%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	98%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-3-1	Lab ID: 468400-005	Collected: 08/31/22 15:05
	Matrix: Soil	Basis: Dry

468400-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**13**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	130	1.1	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	13	1.1	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	130	1.1	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	13	1.1	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	6.3	1.1	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	106%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	102%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Toluene-d8	101%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-3-5	Lab ID: 468400-006	Collected: 08/31/22 15:15
	Matrix: Soil	Basis: Dry

468400-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**11**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	110	0.95	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	11	0.95	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	110	0.95	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	11	0.95	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	5.3	0.95	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.95	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	102%		%REC	70-145	0.95	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	0.95	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	101%		%REC	70-145	0.95	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-3-15	Lab ID: 468400-007	Collected: 08/31/22 16:15
	Matrix: Soil	Basis: Dry

468400-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**15**		%	1	1	296400	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	81	0.69	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	8.1	0.69	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	81	0.69	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	8.1	0.69	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.1	0.69	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	109%		%REC	70-145	0.69	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	106%		%REC	70-145	0.69	296607	09/09/22	09/09/22	ILK
Toluene-d8	99%		%REC	70-145	0.69	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	103%		%REC	70-145	0.69	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-5-1	Lab ID: 468400-008	Collected: 08/31/22 08:05
	Matrix: Soil	Basis: Dry

468400-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**11**		%	1	1	296401	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	69	0.61	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	6.9	0.61	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	69	0.61	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

468400-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	6.9	0.61	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	3.4	0.61	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.61	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	0.61	296607	09/09/22	09/09/22	ILK
Toluene-d8	98%		%REC	70-145	0.61	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	0.61	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-5-5	Lab ID: 468400-009	Collected: 08/31/22 08:35
	Matrix: Soil	Basis: Dry

468400-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**15**		%	1	1	296401	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	93	0.79	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	9.3	0.79	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	93	0.79	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	9.3	0.79	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.7	0.79	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	110%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	108%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
Toluene-d8	97%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	101%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

Sample ID: SVP-5-15	Lab ID: 468400-010	Collected: 08/31/22 08:50
	Matrix: Soil	Basis: Dry

468400-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**14**		%	1	1	296401	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	92	0.79	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	9.2	0.79	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	92	0.79	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-010 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	9.2	0.79	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.6	0.79	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
Toluene-d8	98%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	0.79	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-5-25	Lab ID: 468400-011	Collected: 08/31/22 09:15
	Matrix: Soil	Basis: Dry

468400-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**17**		%	1	1	296401	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	97	0.81	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	9.7	0.81	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	97	0.81	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-011 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	9.7	0.81	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.9	0.81	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	106%		%REC	70-145	0.81	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	101%		%REC	70-145	0.81	296607	09/09/22	09/09/22	ILK
Toluene-d8	101%		%REC	70-145	0.81	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	0.81	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-6-1	Lab ID: 468400-012	Collected: 08/31/22 10:35
	Matrix: Soil	

468400-012 Analyte	Result	Qual	Units	RL	Basis	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	**16**		%	1		1	296401	09/06/22	09/06/22	DNA
Method: EPA 6020 Prep Method: EPA 3050B										
Lead	**13**		mg/Kg	0.50		0.99	296413	09/06/22	09/09/22	THP
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	98	Dry	0.82	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	9.8	Dry	0.82	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	98	Dry	0.82	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-012 Analyte	Result	Qual	Units	RL	Basis	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Dibromochloromethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	9.8	Dry	0.82	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	4.9	Dry	0.82	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-145	Dry	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	103%		%REC	70-145	Dry	0.82	296704	09/10/22	09/10/22	ILK
Toluene-d8	98%		%REC	70-145	Dry	0.82	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	102%		%REC	70-145	Dry	0.82	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-6-3	Lab ID: 468400-013	Collected: 08/31/22 12:10
	Matrix: Soil	

468400-013 Analyte	Result	Qual	Units	RL	Basis	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	**2**		%	1		1	296401	09/06/22	09/06/22	DNA
Method: EPA 6020 Prep Method: EPA 3050B										
Lead	**2.7**		mg/Kg	0.50		0.99	296397	09/06/22	09/07/22	SBW
Method: EPA 8260B Prep Method: EPA 5035										
3-Chloropropene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	100	Dry	0.99	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	10	Dry	0.99	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	100	Dry	0.99	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-013 Analyte	Result	Qual	Units	RL	Basis	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Dibromochloromethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	10	Dry	0.99	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	5.1	Dry	0.99	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-145	Dry	0.99	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	103%		%REC	70-145	Dry	0.99	296704	09/10/22	09/10/22	ILK
Toluene-d8	98%		%REC	70-145	Dry	0.99	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	102%		%REC	70-145	Dry	0.99	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-6-5	Lab ID: 468400-014	Collected: 08/31/22 12:35
	Matrix: Soil	Basis: Dry

468400-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**14**		%	1	1	296401	09/06/22	09/06/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	94	0.81	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	9.4	0.81	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	94	0.81	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-014 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	9.4	0.81	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	4.7	0.81	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.81	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	104%		%REC	70-145	0.81	296704	09/10/22	09/10/22	ILK
Toluene-d8	99%		%REC	70-145	0.81	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	100%		%REC	70-145	0.81	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-6-15	Lab ID: 468400-015	Collected: 08/31/22 12:45
	Matrix: Soil	Basis: Dry

468400-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**6**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	130	1.3	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	13	1.3	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	130	1.3	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-015 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	13	1.3	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	6.7	1.3	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	103%		%REC	70-145	1.3	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	98%		%REC	70-145	1.3	296704	09/10/22	09/10/22	ILK
Toluene-d8	102%		%REC	70-145	1.3	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	101%		%REC	70-145	1.3	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-6-25	Lab ID: 468400-016	Collected: 08/31/22 12:55
	Matrix: Soil	Basis: Dry

468400-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**6**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	87	0.82	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	8.7	0.82	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	87	0.82	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-016 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	8.7	0.82	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	4.4	0.82	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	109%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	106%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
Toluene-d8	99%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	100%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

Sample ID: SVP-10-1	Lab ID: 468400-017	Collected: 08/31/22 14:35
	Matrix: Soil	Basis: Dry

468400-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**13**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	75	0.65	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	7.5	0.65	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	75	0.65	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Benzene	**5.3**		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-017 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	7.5	0.65	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	3.7	0.65	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.65	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	106%		%REC	70-145	0.65	296704	09/10/22	09/10/22	ILK
Toluene-d8	99%		%REC	70-145	0.65	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.65	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-10-5	Lab ID: 468400-018	Collected: 08/31/22 15:05
	Matrix: Soil	Basis: Dry

468400-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**8**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	80	0.74	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	8.0	0.74	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	80	0.74	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-018 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	8.0	0.74	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	4.0	0.74	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.74	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	104%		%REC	70-145	0.74	296704	09/10/22	09/10/22	ILK
Toluene-d8	98%		%REC	70-145	0.74	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	100%		%REC	70-145	0.74	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-10-15	Lab ID: 468400-019	Collected: 08/31/22 15:20
	Matrix: Soil	Basis: Dry

468400-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**17**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	99	0.82	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	9.9	0.82	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	99	0.82	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-019 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	9.9	0.82	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	5.0	0.82	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	109%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
Toluene-d8	99%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.82	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-10-25	Lab ID: 468400-020	Collected: 08/31/22 15:35
	Matrix: Soil	Basis: Dry

468400-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**4**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	93	0.89	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	9.3	0.89	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	93	0.89	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

468400-020 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	9.3	0.89	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	4.7	0.89	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	0.89	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	98%		%REC	70-145	0.89	296704	09/10/22	09/10/22	ILK
Toluene-d8	100%		%REC	70-145	0.89	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	101%		%REC	70-145	0.89	296704	09/10/22	09/10/22	ILK

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

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Analysis Results for 468400

Sample ID: SVP-3-25	Lab ID: 468400-021	Collected: 08/31/22 17:15
	Matrix: Soil	Basis: Dry

468400-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**24**		%	1	1	296402	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Freon 12	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Chloromethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Vinyl Chloride	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Bromomethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Chloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Acetone	ND		ug/Kg	110	0.8	296704	09/10/22	09/10/22	ILK
Freon 113	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Methylene Chloride	ND		ug/Kg	11	0.8	296704	09/10/22	09/10/22	ILK
MTBE	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
2-Butanone	ND		ug/Kg	110	0.8	296704	09/10/22	09/10/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Chloroform	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Bromochloromethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Benzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Trichloroethene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Bromodichloromethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Dibromomethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Toluene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Tetrachloroethene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468400

468400-021 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Chlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Ethylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
m,p-Xylenes	ND		ug/Kg	11	0.8	296704	09/10/22	09/10/22	ILK
o-Xylene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Styrene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Bromoform	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Isopropylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Propylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Bromobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
n-Butylbenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Naphthalene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Xylene (total)	ND		ug/Kg	5.3	0.8	296704	09/10/22	09/10/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.8	296704	09/10/22	09/10/22	ILK
1,2-Dichloroethane-d4	103%		%REC	70-145	0.8	296704	09/10/22	09/10/22	ILK
Toluene-d8	100%		%REC	70-145	0.8	296704	09/10/22	09/10/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.8	296704	09/10/22	09/10/22	ILK

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type: Sample Duplicate	Lab ID: QC1011087	Batch: 296400
Matrix (Source ID): Soil (468400-007)	Method: ASTM D2216	Prep Method: METHOD

QC1011087 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	14.66	14.52	%		1	26		1

Type: Sample Duplicate	Lab ID: QC1011091	Batch: 296401
Matrix (Source ID): Soil (468400-012)	Method: ASTM D2216	Prep Method: METHOD

QC1011091 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	15.71	16.19	%		3	26		1

Type: Sample Duplicate	Lab ID: QC1011096	Batch: 296402
Matrix (Source ID): Soil (468400-019)	Method: ASTM D2216	Prep Method: METHOD

QC1011096 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	15.67	17.17	%		9	26		1

Type: Blank	Lab ID: QC1011068	Batch: 296397
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1011068 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	0.50	09/06/22	09/07/22

Type: Lab Control Sample	Lab ID: QC1011069	Batch: 296397
Matrix: Soil	Method: EPA 6020	Prep Method: EPA 3050B

QC1011069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	51.70	50.00	mg/Kg	103%		80-120

Type: Matrix Spike	Lab ID: QC1011070	Batch: 296397
Matrix (Source ID): Soil (468210-013)	Method: EPA 6020	Prep Method: EPA 3050B

QC1011070 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	76.66	18.26	52.63	mg/Kg	111%		75-125	1.1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1011071**	**Batch:**	**296397**
Matrix (Source ID):	**Soil (468210-013)**	**Method:**	**EPA 6020**	**Prep Method:**	**EPA 3050B**

QC1011071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	77.94	18.26	53.76	mg/Kg	111%		75-125	0	20	1.1

Type: **Blank**	**Lab ID:** **QC1011127**	**Batch:** **296413**	
Matrix: **Soil**	**Method:** **EPA 6020**	**Prep Method:** **EPA 3050B**	

QC1011127 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Lead	ND		mg/Kg	0.50	09/06/22	09/07/22

Type:	**Matrix Spike**	**Lab ID:**	**QC1011128**	**Batch:**	**296413**
Matrix (Source ID):	**Soil (468400-012)**	**Method:**	**EPA 6020**	**Prep Method:**	**EPA 3050B**

QC1011128 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Lead	61.23	13.01	48.08	mg/Kg	100%		75-125	0.96

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1011129**	**Batch:**	**296413**
Matrix (Source ID):	**Soil (468400-012)**	**Method:**	**EPA 6020**	**Prep Method:**	**EPA 3050B**

QC1011129 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Lead	58.80	13.01	48.08	mg/Kg	95%		75-125	4	20	0.96

Type: **Lab Control Sample**	**Lab ID:** **QC1011130**	**Batch:** **296413**			
Matrix: **Soil**	**Method:** **EPA 6020**	**Prep Method:** **EPA 3050B**			

QC1011130 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Lead	50.29	50.00	mg/Kg	101%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1011694	Batch: 296607
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1011694 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.20	50.00	ug/Kg	104%		70-131
MTBE	45.93	50.00	ug/Kg	92%		69-130
Benzene	49.53	50.00	ug/Kg	99%		70-130
Trichloroethene	48.03	50.00	ug/Kg	96%		70-130
Toluene	49.96	50.00	ug/Kg	100%		70-130
Chlorobenzene	50.45	50.00	ug/Kg	101%		70-130
Surrogates						
Dibromofluoromethane	53.20	50.00	ug/Kg	106%		70-130
1,2-Dichloroethane-d4	46.27	50.00	ug/Kg	93%		70-145
Toluene-d8	50.49	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	51.16	50.00	ug/Kg	102%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1011695	Batch: 296607
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1011695 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.16	50.00	ug/Kg	104%		70-131	0	33
MTBE	44.12	50.00	ug/Kg	88%		69-130	4	30
Benzene	49.16	50.00	ug/Kg	98%		70-130	1	30
Trichloroethene	47.67	50.00	ug/Kg	95%		70-130	1	30
Toluene	48.58	50.00	ug/Kg	97%		70-130	3	30
Chlorobenzene	49.37	50.00	ug/Kg	99%		70-130	2	30
Surrogates								
Dibromofluoromethane	52.43	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	46.58	50.00	ug/Kg	93%		70-145		
Toluene-d8	50.43	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.80	50.00	ug/Kg	104%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011697**	**Batch:**	**296607**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1011697 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/08/22	09/08/22
Freon 12	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Vinyl Chloride	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromomethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Trichlorofluoromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Acetone	ND		ug/Kg	100	09/08/22	09/08/22
Freon 113	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
Methylene Chloride	ND		ug/Kg	10	09/08/22	09/08/22
MTBE	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
2-Butanone	ND		ug/Kg	100	09/08/22	09/08/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
2,2-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloroform	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromochloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
Carbon Tetrachloride	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Benzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Trichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromodichloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Dibromomethane	ND		ug/Kg	5.0	09/08/22	09/08/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	09/08/22	09/08/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
Toluene	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Tetrachloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
Dibromochloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dibromoethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Ethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22

ENTHALPY ANALYTICAL

Batch QC

QC1011697 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
m,p-Xylenes	ND		ug/Kg	10	09/08/22	09/08/22
o-Xylene	ND		ug/Kg	5.0	09/08/22	09/08/22
Styrene	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromoform	ND		ug/Kg	5.0	09/08/22	09/08/22
Isopropylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Propylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
2-Chlorotoluene	ND		ug/Kg	5.0	09/08/22	09/08/22
4-Chlorotoluene	ND		ug/Kg	5.0	09/08/22	09/08/22
tert-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
sec-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
n-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Hexachlorobutadiene	ND		ug/Kg	5.0	09/08/22	09/08/22
Naphthalene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Xylene (total)	ND		ug/Kg	5.0	09/08/22	09/08/22
Surrogates				**Limits**		
Dibromofluoromethane	103%		%REC	70-130	09/08/22	09/08/22
1,2-Dichloroethane-d4	95%		%REC	70-145	09/08/22	09/08/22
Toluene-d8	101%		%REC	70-145	09/08/22	09/08/22
Bromofluorobenzene	102%		%REC	70-145	09/08/22	09/08/22

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1012033	Batch: 296704
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1012033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.11	50.00	ug/Kg	116%		70-131
MTBE	50.83	50.00	ug/Kg	102%		69-130
Benzene	56.38	50.00	ug/Kg	113%		70-130
Trichloroethene	53.53	50.00	ug/Kg	107%		70-130
Toluene	56.82	50.00	ug/Kg	114%		70-130
Chlorobenzene	57.35	50.00	ug/Kg	115%		70-130
Surrogates						
Dibromofluoromethane	51.63	50.00	ug/Kg	103%		70-130
1,2-Dichloroethane-d4	48.04	50.00	ug/Kg	96%		70-145
Toluene-d8	51.70	50.00	ug/Kg	103%		70-145
Bromofluorobenzene	51.97	50.00	ug/Kg	104%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1012034	Batch: 296704
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1012034 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	57.66	50.00	ug/Kg	115%		70-131	1	33
MTBE	49.85	50.00	ug/Kg	100%		69-130	2	30
Benzene	55.24	50.00	ug/Kg	110%		70-130	2	30
Trichloroethene	53.46	50.00	ug/Kg	107%		70-130	0	30
Toluene	55.48	50.00	ug/Kg	111%		70-130	2	30
Chlorobenzene	56.13	50.00	ug/Kg	112%		70-130	2	30
Surrogates								
Dibromofluoromethane	51.18	50.00	ug/Kg	102%		70-130		
1,2-Dichloroethane-d4	45.90	50.00	ug/Kg	92%		70-145		
Toluene-d8	50.80	50.00	ug/Kg	102%		70-145		
Bromofluorobenzene	51.78	50.00	ug/Kg	104%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1012036**	**Batch:**	**296704**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1012036 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	09/09/22	09/09/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/09/22	09/09/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/09/22	09/09/22
Freon 12	ND		ug/Kg	5.0	09/09/22	09/09/22
Chloromethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Vinyl Chloride	ND		ug/Kg	5.0	09/09/22	09/09/22
Bromomethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Chloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Trichlorofluoromethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Acetone	ND		ug/Kg	100	09/09/22	09/09/22
Freon 113	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1-Dichloroethene	ND		ug/Kg	5.0	09/09/22	09/09/22
Methylene Chloride	ND		ug/Kg	10	09/09/22	09/09/22
MTBE	ND		ug/Kg	5.0	09/09/22	09/09/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1-Dichloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
2-Butanone	ND		ug/Kg	100	09/09/22	09/09/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	09/09/22	09/09/22
2,2-Dichloropropane	ND		ug/Kg	5.0	09/09/22	09/09/22
Chloroform	ND		ug/Kg	5.0	09/09/22	09/09/22
Bromochloromethane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1-Dichloropropene	ND		ug/Kg	5.0	09/09/22	09/09/22
Carbon Tetrachloride	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2-Dichloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Benzene	ND		ug/Kg	5.0	09/09/22	09/09/22
Trichloroethene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2-Dichloropropane	ND		ug/Kg	5.0	09/09/22	09/09/22
Bromodichloromethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Dibromomethane	ND		ug/Kg	5.0	09/09/22	09/09/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	09/09/22	09/09/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	09/09/22	09/09/22
Toluene	ND		ug/Kg	5.0	09/09/22	09/09/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,3-Dichloropropane	ND		ug/Kg	5.0	09/09/22	09/09/22
Tetrachloroethene	ND		ug/Kg	5.0	09/09/22	09/09/22
Dibromochloromethane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2-Dibromoethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Chlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
Ethylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22

ENTHALPY ANALYTICAL

Batch QC

QC1012036 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
m,p-Xylenes	ND		ug/Kg	10	09/09/22	09/09/22
o-Xylene	ND		ug/Kg	5.0	09/09/22	09/09/22
Styrene	ND		ug/Kg	5.0	09/09/22	09/09/22
Bromoform	ND		ug/Kg	5.0	09/09/22	09/09/22
Isopropylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	09/09/22	09/09/22
Propylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
Bromobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
2-Chlorotoluene	ND		ug/Kg	5.0	09/09/22	09/09/22
4-Chlorotoluene	ND		ug/Kg	5.0	09/09/22	09/09/22
tert-Butylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
sec-Butylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
n-Butylbenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
Hexachlorobutadiene	ND		ug/Kg	5.0	09/09/22	09/09/22
Naphthalene	ND		ug/Kg	5.0	09/09/22	09/09/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	09/09/22	09/09/22
Xylene (total)	ND		ug/Kg	5.0	09/09/22	09/09/22
Surrogates				**Limits**		
Dibromofluoromethane	103%		%REC	70-130	09/09/22	09/09/22
1,2-Dichloroethane-d4	93%		%REC	70-145	09/09/22	09/09/22
Toluene-d8	102%		%REC	70-145	09/09/22	09/09/22
Bromofluorobenzene	101%		%REC	70-145	09/09/22	09/09/22

ND Not Detected

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

enthalpy.com

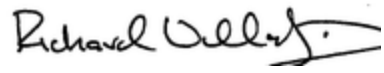
Lab Job Number:	468491
Report Level:	II
Report Date:	09/09/2022

Analytical Report *prepared for:*

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Project: CULVER CROSSING - C20100.01

Authorized for release by:



Richard Villafania, Project Manager
richard.villafania@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

ENTHALPY ANALYTICAL

Sample Summary

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #:	468491
Project No:	CULVER CROSSING
Location:	C20100.01
Date Received:	09/02/22

Sample ID	Lab ID	Collected	Matrix
SVP-7-1	468491-001	09/02/22 08:00	Soil
SVP-7-5	468491-002	09/02/22 08:10	Soil
SVP-7-15	468491-003	09/02/22 09:05	Soil
SVP-7-25	468491-004	09/02/22 09:45	Soil
SVP-8-1	468491-005	09/02/22 08:25	Soil
SVP-8-5	468491-006	09/02/22 08:45	Soil
SVP-8-15	468491-007	09/02/22 12:10	Soil
SVP-8-25	468491-008	09/02/22 13:10	Soil

ENTHALPY ANALYTICAL

Case Narrative

EKI Environment & Water, Inc. 2355 Main Street Suite 210 Irvine, CA 92614 Jessica Curran	Lab Job Number: 468491 Project No: CULVER CROSSING Location: C20100.01 Date Received: 09/02/22

This data package contains sample and QC results for eight soil samples, requested for the above referenced project on 09/02/22. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Moisture (ASTM D2216):
No analytical problems were encountered.

Richard Villafania

From: Paul Hoffey <phoffey@ekiconsult.com> on behalf of Paul Hoffey
Sent: Tuesday, September 6, 2022 8:47 AM
To: Chris Ingalls; Jessica Curran; Richard Villafania
Cc: richard.villafania@enthalpy.com
Subject: [EXTERNAL] Re: CULVER CROSSING - Enthalpy Login Summary (468491)

Hi Enthalpy, will need to run moisture on each of these soil samples and report results in dry weight.

Thanks! Paul

From: Enthalpy Orange Sample Control <sample.control.orange@enthalpy.com>
Sent: Tuesday, September 6, 2022 10:42 AM
To: Chris Ingalls <cingalls@ekiconsult.com>; Jessica Curran <jcurran@ekiconsult.com>; Paul Hoffey <phoffey@ekiconsult.com>
Cc: Richard.Villafania@enthalpy.com <Richard.Villafania@enthalpy.com>; richard.villafania@enthalpy.com <richard.villafania@enthalpy.com>
Subject: CULVER CROSSING - Enthalpy Login Summary (468491)

Enthalpy Login Summary for 468491

Project:	CULVER CROSSING
Site:	C20100.01
Lab Login #:	468491
Report Level:	II
PO#:	
Lab Proj Mgr:	Richard Villafania
TAT:	4 business days

Report To:	**Bill To:**
EKI Environment & Water, Inc.	EKI Environment & Water, Inc.
2355 Main Street	2355 Main Street
Suite 210	Suite 210
Irvine, CA 92614	Irvine, CA 92614
ATTN: Jessica Curran	ATTN: Accounts Payable
(650) 292-9100	(650) 292-9100

Client ID	Lab ID	Sampled	Received	COC #	Basis	Matrix	Analyses	Comments
SVP-7-1	001	09/02/22 08:00	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-7-5	002	09/02/22 08:10	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-7-15	003	09/02/22 09:05	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-7-25	004	09/02/22 09:45	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-8-1	005	09/02/22 08:25	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-8-5	006	09/02/22 08:45	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	
SVP-8-15	007	09/02/22 12:10	09/02/22		as received			
						Soil	**EPA 8260 Volatile Organics [5035]**	

EKI Environment & Water, Inc.

CONSULTING ENGINEERS AND SCIENTISTS

CHAIN OF CUSTODY RECORD

Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

PAGE 1 OF 1

Project Name: Culver Crossing

Project No.: C20100.01

Location: 8876 Venice Blvd. Culver City, CA.

Sampled By: Julia Hernandez & Christian Concha

Reporting:

Electronic Format: EDD Hard Copy Format: PDF

EPA Data Report Level:

Please report results to the following people:

~~(1) Data Archive: labs@ekiconsult.com~~

(2) jcurran@ekiconsult.com

(3) phoffey@ekiconsult.com

(4) cingalls@ekiconsult.com

Laboratory: Quote #EKI080822

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

ANALYSES REQUESTED

EKI COC No.: (YYYYMMDD-#) 20220902-1

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	Method No. / Analyte / Group: EPA 8260 (5035) VOCs	EPA 6010B Lead	EPA 8260 VOCs plus Oxygenates	Extract and HOLD	HOLD	EXPECTED TURNAROUND TIME	Remarks
SVP-7-1		9/2/22	0800	soil	3x VOA, 1x 4oz jar	X					4 day TAT	
SVP-7-5			0810			X						
SVP-7-15			0905			X						
SVP-7-25			0945			X						
SVP-8-1			0825			X						
SVP-8-5			0845			X						
SVP-8-15			1210			X						
SVP-8-25			1310			X						

Special Instructions:

4 DAY TAT FOR ALL SAMPLES

Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation or Carrier/Air Bill No.)
EKI	09/02/2022 1619	EA
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	Received by: (Signature/Affiliation)

7.4/2.7

468491

EKI Environment & Water, Inc.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CONSULTING ENGINEERS AND SCIENTISTS Address: 2001 Junipero Serra Boulevard, Suite 300, Daly City, CA. 94014 PHONE: 650-292-9100 http://www.ekiconsult.com

Project Name: Culver Crossing	**Project No.:** C20100.01
Location: 8876 Venice Blvd. Culver City, CA.	**Sampled By:** Julia Hernandez & Christian Concha
Reporting: Electronic Format: EDD Hard Copy Format: PDF EPA Data Report Level: Please report results to the following people: (1) Data Archive: labs@ekiconsult.com (2) jcurran@ekiconsult.com (3) phoffey@ekiconsult.com (4) cingalls@ekiconsult.com	**Laboratory:** Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868 (714) 771 - 6900

ANALYSES REQUESTED

Method No.	EPA 8260 (5035)	EPA 6020B	EPA 8250											Extract and HOLD	HOLD
Analyte / Group	VOCs	Lead	VOCs plus Oxygenates												

EKI COC No.: (YYYYMMDD-#) 20220902-1

EXPECTED TURNAROUND TIME

Revision: _____ (A, B, C, D, etc.)

Date: By:

Field Sample ID	Lab Sample No.	Date	Time	Matrix	Container Count & Type	Remarks
SVP-7-1		9/2/22	0800	Soil	3x VOA, 1x 4oz jar	4 day TAT
SVP-7-5			0810			
SVP-7-15			0905			
SVP-7-25			0945			
SVP-8-1			0825			
SVP-8-5			0845			
SVP-8-15			1210			
SVP-8-25			1310			

Special Instructions:

4 DAY TAT FOR ALL SAMPLES

Relinquished by: (Signature/Affiliation) EKI	Date & Time 09/02/2022 1619	**Received by:** (Signature/Affiliation or Carrier/Air Bill No.) EA
Relinquished by: (Signature/Affiliation)	Date & Time	**Received by:** (Signature/Affiliation)
Relinquished by: (Signature/Affiliation)	Date & Time	**Received by:** (Signature/Affiliation)

7.4/2.7

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: EKI Environmental

Project: Culver Crossing

Date Received: 9/2/22

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: 7.4 #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: 2.7 #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

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: Deanna Sylvestrini Date: SEP 02 2022

ENTHALPY ANALYTICAL

Analysis Results for 468491

Jessica Curran
EKI Environment & Water, Inc.
2355 Main Street
Suite 210
Irvine, CA 92614

Lab Job #: 468491
Project No: CULVER CROSSING
Location: C20100.01
Date Received: 09/02/22

Sample ID: SVP-7-1 | **Lab ID: 468491-001** | **Collected: 09/02/22 08:00**
Matrix: Soil | **Basis: Dry**

468491-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**10**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Freon 12	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Chloromethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Vinyl Chloride	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Bromomethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Chloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Acetone	ND		ug/Kg	88	0.8	296607	09/08/22	09/08/22	ILK
Freon 113	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Methylene Chloride	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
MTBE	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
2-Butanone	ND		ug/Kg	88	0.8	296607	09/08/22	09/08/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Chloroform	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Bromochloromethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Benzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Trichloroethene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Bromodichloromethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Dibromomethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468491

468491-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Toluene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Tetrachloroethene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Dibromochloromethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Chlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Ethylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
m,p-Xylenes	ND		ug/Kg	8.8	0.8	296607	09/08/22	09/08/22	ILK
o-Xylene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Styrene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Bromoform	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Isopropylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Propylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Bromobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
n-Butylbenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Naphthalene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Xylene (total)	ND		ug/Kg	4.4	0.8	296607	09/08/22	09/08/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.8	296607	09/08/22	09/08/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	0.8	296607	09/08/22	09/08/22	ILK
Toluene-d8	99%		%REC	70-145	0.8	296607	09/08/22	09/08/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.8	296607	09/08/22	09/08/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-7-5	Lab ID: 468491-002	Collected: 09/02/22 08:10
	Matrix: Soil	Basis: Dry

468491-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**6**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Freon 12	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Chloromethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Vinyl Chloride	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Bromomethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Chloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Trichlorofluoromethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Acetone	ND		ug/Kg	160	1.5	296607	09/08/22	09/08/22	ILK
Freon 113	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1-Dichloroethene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Methylene Chloride	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
MTBE	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1-Dichloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
2-Butanone	ND		ug/Kg	160	1.5	296607	09/08/22	09/08/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
2,2-Dichloropropane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Chloroform	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Bromochloromethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1-Dichloropropene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Carbon Tetrachloride	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dichloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Benzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Trichloroethene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dichloropropane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Bromodichloromethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Dibromomethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Toluene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,3-Dichloropropane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Tetrachloroethene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK

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

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Analysis Results for 468491

468491-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dibromoethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Chlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Ethylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
m,p-Xylenes	ND		ug/Kg	16	1.5	296607	09/08/22	09/08/22	ILK
o-Xylene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Styrene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Bromoform	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Isopropylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Propylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Bromobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
2-Chlorotoluene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
4-Chlorotoluene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
tert-Butylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
sec-Butylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
n-Butylbenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Hexachlorobutadiene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Naphthalene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Xylene (total)	ND		ug/Kg	8.1	1.5	296607	09/08/22	09/08/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	98%		%REC	70-145	1.5	296607	09/08/22	09/08/22	ILK
1,2-Dichloroethane-d4	94%		%REC	70-145	1.5	296607	09/08/22	09/08/22	ILK
Toluene-d8	102%		%REC	70-145	1.5	296607	09/08/22	09/08/22	ILK
Bromofluorobenzene	99%		%REC	70-145	1.5	296607	09/08/22	09/08/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-7-15	Lab ID: 468491-003	Collected: 09/02/22 09:05
	Matrix: Soil	Basis: Dry

468491-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**9**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	110	1	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	110	1	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

468491-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	11	1	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	5.5	1	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	109%		%REC	70-145	1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	1	296607	09/09/22	09/09/22	ILK
Toluene-d8	98%		%REC	70-145	1	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	102%		%REC	70-145	1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-7-25	Lab ID: 468491-004	Collected: 09/02/22 09:45
	Matrix: Soil	Basis: Dry

468491-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**6**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468491

468491-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	12	1.1	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	6.0	1.1	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	105%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	101%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Toluene-d8	99%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468491

Sample ID: SVP-8-1	Lab ID: 468491-005	Collected: 09/02/22 08:25
	Matrix: Soil	Basis: Dry

468491-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**11**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	88	0.78	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	88	0.78	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

468491-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	8.8	0.78	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.4	0.78	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	108%		%REC	70-145	0.78	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	105%		%REC	70-145	0.78	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	0.78	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	102%		%REC	70-145	0.78	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-8-5	Lab ID: 468491-006	Collected: 09/02/22 08:45
	Matrix: Soil	Basis: Dry

468491-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**7**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	140	1.3	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	140	1.3	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK

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

ENTHALPY ANALYTICAL

Analysis Results for 468491

468491-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	14	1.3	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	6.9	1.3	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	106%		%REC	70-145	1.3	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	100%		%REC	70-145	1.3	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	1.3	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	102%		%REC	70-145	1.3	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-8-15	Lab ID: 468491-007	Collected: 09/02/22 12:10
	Matrix: Soil	Basis: Dry

468491-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**9**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	91	0.83	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	91	0.83	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

468491-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	9.1	0.83	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	4.6	0.83	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	107%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	102%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
Toluene-d8	100%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	100%		%REC	70-145	0.83	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

Sample ID: SVP-8-25	Lab ID: 468491-008	Collected: 09/02/22 13:10
	Matrix: Soil	Basis: Dry

468491-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD									
Moisture, Percent	**5**		%	1	1	296407	09/06/22	09/07/22	DNA
Method: EPA 8260B Prep Method: EPA 5035									
3-Chloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Freon 12	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Vinyl Chloride	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromomethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Trichlorofluoromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Acetone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
Freon 113	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Methylene Chloride	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
MTBE	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,2-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2-Butanone	ND		ug/Kg	120	1.1	296607	09/09/22	09/09/22	ILK
cis-1,2-Dichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2,2-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chloroform	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromochloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,1-Trichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Carbon Tetrachloride	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Benzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Trichloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromodichloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Dibromomethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
4-Methyl-2-Pentanone	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
cis-1,3-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Toluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
trans-1,3-Dichloropropene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,2-Trichloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Tetrachloroethene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK

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

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Analysis Results for 468491

468491-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromoethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Chlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Ethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
m,p-Xylenes	ND		ug/Kg	12	1.1	296607	09/09/22	09/09/22	ILK
o-Xylene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Styrene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromoform	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Isopropylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Propylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Bromobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3,5-Trimethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
2-Chlorotoluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
4-Chlorotoluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
tert-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trimethylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
sec-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
para-Isopropyl Toluene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,3-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,4-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
n-Butylbenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,4-Trichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Hexachlorobutadiene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Naphthalene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
1,2,3-Trichlorobenzene	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Xylene (total)	ND		ug/Kg	5.8	1.1	296607	09/09/22	09/09/22	ILK
Surrogates				**Limits**					
Dibromofluoromethane	104%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
1,2-Dichloroethane-d4	97%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Toluene-d8	102%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK
Bromofluorobenzene	99%		%REC	70-145	1.1	296607	09/09/22	09/09/22	ILK

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1011112**	**Batch:**	**296407**
Matrix (Source ID):	**Soil (468491-005)**	**Method:**	**ASTM D2216**	**Prep Method:**	**METHOD**

QC1011112 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	11.44	11.45	%		0	26		1

Type:	**Lab Control Sample**	**Lab ID:**	**QC1011694**	**Batch:**	**296607**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1011694 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.20	50.00	ug/Kg	104%		70-131
MTBE	45.93	50.00	ug/Kg	92%		69-130
Benzene	49.53	50.00	ug/Kg	99%		70-130
Trichloroethene	48.03	50.00	ug/Kg	96%		70-130
Toluene	49.96	50.00	ug/Kg	100%		70-130
Chlorobenzene	50.45	50.00	ug/Kg	101%		70-130
Surrogates						
Dibromofluoromethane	53.20	50.00	ug/Kg	106%		70-130
1,2-Dichloroethane-d4	46.27	50.00	ug/Kg	93%		70-145
Toluene-d8	50.49	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	51.16	50.00	ug/Kg	102%		70-145

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1011695**	**Batch:**	**296607**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1011695 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.16	50.00	ug/Kg	104%		70-131	0	33
MTBE	44.12	50.00	ug/Kg	88%		69-130	4	30
Benzene	49.16	50.00	ug/Kg	98%		70-130	1	30
Trichloroethene	47.67	50.00	ug/Kg	95%		70-130	1	30
Toluene	48.58	50.00	ug/Kg	97%		70-130	3	30
Chlorobenzene	49.37	50.00	ug/Kg	99%		70-130	2	30
Surrogates								
Dibromofluoromethane	52.43	50.00	ug/Kg	105%		70-130		
1,2-Dichloroethane-d4	46.58	50.00	ug/Kg	93%		70-145		
Toluene-d8	50.43	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.80	50.00	ug/Kg	104%		70-145		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1011697**	**Batch:**	**296607**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5035**

QC1011697 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	09/08/22	09/08/22
Freon 12	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Vinyl Chloride	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromomethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Trichlorofluoromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Acetone	ND		ug/Kg	100	09/08/22	09/08/22
Freon 113	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
Methylene Chloride	ND		ug/Kg	5.0	09/08/22	09/08/22
MTBE	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
2-Butanone	ND		ug/Kg	100	09/08/22	09/08/22
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
2,2-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chloroform	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromochloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,1-Trichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
Carbon Tetrachloride	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Benzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Trichloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromodichloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Dibromomethane	ND		ug/Kg	5.0	09/08/22	09/08/22
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	09/08/22	09/08/22
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
Toluene	ND		ug/Kg	5.0	09/08/22	09/08/22
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,2-Trichloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3-Dichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Tetrachloroethene	ND		ug/Kg	5.0	09/08/22	09/08/22
Dibromochloromethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dibromoethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Chlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
Ethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22

ENTHALPY ANALYTICAL

Batch QC

QC1011697 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
m,p-Xylenes	ND		ug/Kg	10	09/08/22	09/08/22
o-Xylene	ND		ug/Kg	5.0	09/08/22	09/08/22
Styrene	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromoform	ND		ug/Kg	5.0	09/08/22	09/08/22
Isopropylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,3-Trichloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
Propylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Bromobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
2-Chlorotoluene	ND		ug/Kg	5.0	09/08/22	09/08/22
4-Chlorotoluene	ND		ug/Kg	5.0	09/08/22	09/08/22
tert-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
sec-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
para-Isopropyl Toluene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,3-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,4-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
n-Butylbenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Hexachlorobutadiene	ND		ug/Kg	5.0	09/08/22	09/08/22
Naphthalene	ND		ug/Kg	5.0	09/08/22	09/08/22
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	09/08/22	09/08/22
Xylene (total)	ND		ug/Kg	5.0	09/08/22	09/08/22
Surrogates				**Limits**		
Dibromofluoromethane	103%		%REC	70-130	09/08/22	09/08/22
1,2-Dichloroethane-d4	95%		%REC	70-145	09/08/22	09/08/22
Toluene-d8	101%		%REC	70-145	09/08/22	09/08/22
Bromofluorobenzene	102%		%REC	70-145	09/08/22	09/08/22

ND Not Detected

HUSHMAND ASSOCIATES, INC.
Geotechnical and Earthquake Engineers

Hushmand Associates, Inc.
250 Goddard, Irvine,
CA 92618

p. (949) 777-1274
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e. hai@haieng.com

September 9, 2022

EKI Environment & Water, Inc.
2355 Main Street, Suite 210
Irvine, California 92614

Attention: Ms. Jessica Curran

SUBJECT: **Laboratory Test Results**
Project Name: **Culver Crossing**
Project Number: **C20100.01**
HAI Project No.: **EKI-22-002**

Dear Ms. Curran,

Enclosed are the results of the laboratory testing programs conducted on samples from the above-referenced project. The testing performed for this program were conducted in general accordance with the following test procedure:

Type of Test	Test Procedure
Particle Size Analysis (Sieve only)	ASTM D6913
Total Porosity	API RP 40

Attached are: six (6) Particle Size Analysis (Sieve only) test results; and six (6) Total Porosity test results.

We appreciate the opportunity to provide our testing services to EKI Environment & Water, Inc. If you have any questions regarding the test results, please contact us.

Sincerely,

HUSHMAND ASSOCIATES, INC

Kang C. Lin, BS, EIT
Laboratory Manager

M. Varsei

Maryam Varsei, M.S
Senior Staff Engineer

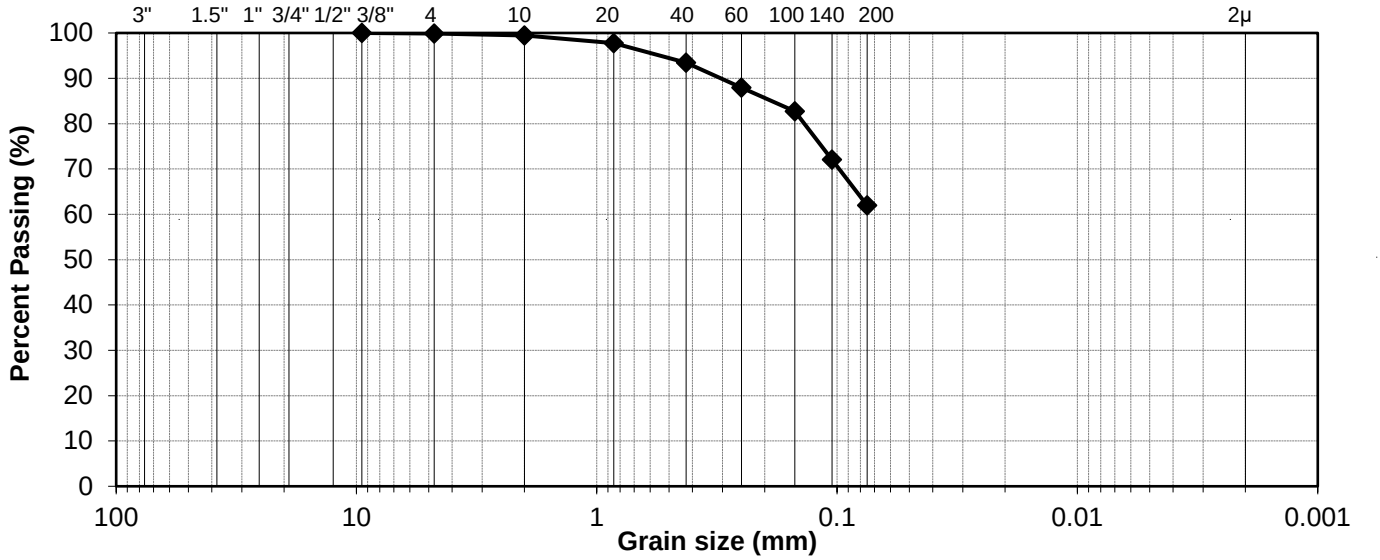
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-2	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	5.5		
Sample Description:	Brown, Sandy Lean Clay (CL)		

Dry Weight (g) **299.9**

Sieve Size	Aperture	Weight Retained	% Retained	**% Passing**	**Project Specification**
	mm	g	%	**%**	**%**
3"	76.2	0.00	0.0	**100.0**	**-**
1.5"	38.1	0.00	0.0	**100.0**	**-**
1"	25.4	0.00	0.0	**100.0**	**-**
3/4 "	19.1	0.00	0.0	**100.0**	**-**
1/2 "	12.5	0.00	0.0	**100.0**	**-**
3/8 "	9.5	0.00	0.0	**100.0**	**-**
# 4	4.75	0.36	0.1	**99.9**	**-**
# 10	2.00	1.37	0.5	**99.4**	**-**
# 20	0.85	4.92	1.6	**97.8**	**-**
# 40	0.425	12.89	4.3	**93.5**	**-**
# 60	0.250	16.65	5.6	**87.9**	**-**
# 100	0.150	15.56	5.2	**82.7**	**-**
# 140	0.105	32.14	10.7	**72.0**	**-**
# 200	0.075	30.24	10.1	**61.9**	**-**
Soil % passing 200 sieve (%)		185.80	61.9	**0.0**	**-**



Particle-Size Analysis	D_{10}	-	% Gravel	% Sand	% Fines
	D_{30}	-	0.1	37.9	61.9
	D_{60}	-	Sample Description / USCS Classification		
	C_u	-	Brown, Sandy Lean Clay (CL)		
	C_c	-			

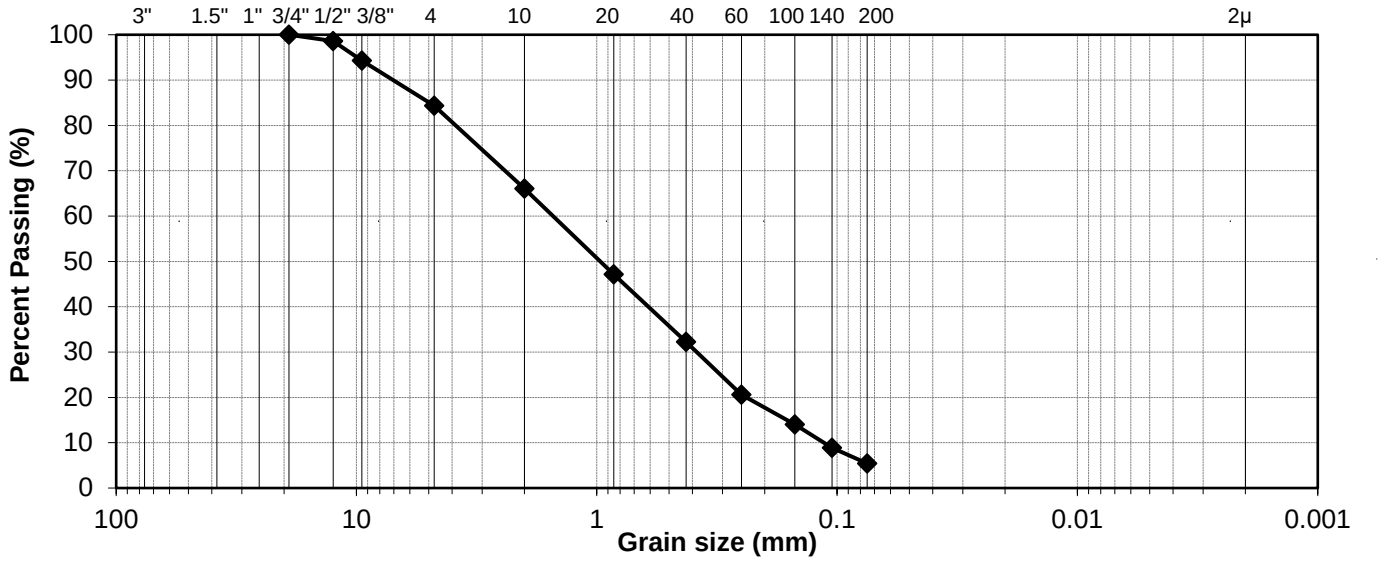
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-2	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	15.5		
Sample Description:	Grayish Brown, Poorly Graded Sand with Clay and Gravel (SP-SC)		

Dry Weight (g) **431.9**

Sieve Size	Aperture	Weight Retained	% Retained	(Accumulative) % Passing	Project Specification
	mm	g	%	%	%
3"	76.2	0.00	0.0	**100.0**	-
1.5"	38.1	0.00	0.0	**100.0**	-
1"	25.4	0.00	0.0	**100.0**	-
3/4 "	19.1	0.00	0.0	**100.0**	-
1/2 "	12.5	5.90	1.4	**98.6**	-
3/8 "	9.5	18.77	4.3	**94.3**	-
# 4	4.75	42.83	9.9	**84.4**	-
Dry Weight (g)	**197.4**				
# 10	2.00	42.83	21.7	**66.1**	-
# 20	0.85	44.26	22.4	**47.2**	-
# 40	0.425	34.93	17.7	**32.2**	-
# 60	0.250	27.25	13.8	**20.6**	-
# 100	0.150	15.38	7.8	**14.0**	-
# 140	0.105	11.94	6.0	**8.9**	-
# 200	0.075	8.13	4.1	**5.4**	-
Soil % passing 200 sieve (%)		12.70	6.4	**5.43**	-



Particle-Size Analysis	D_{10}	0.11	% Gravel	% Sand	% Fines
	D_{30}	0.39	15.6	78.9	5.4
	D_{60}	1.63	Sample Description / USCS Classification		
	C_u	14.22	Grayish Brown, Poorly Graded Sand with Clay and Gravel (SP-SC)		
	C_c	0.82			

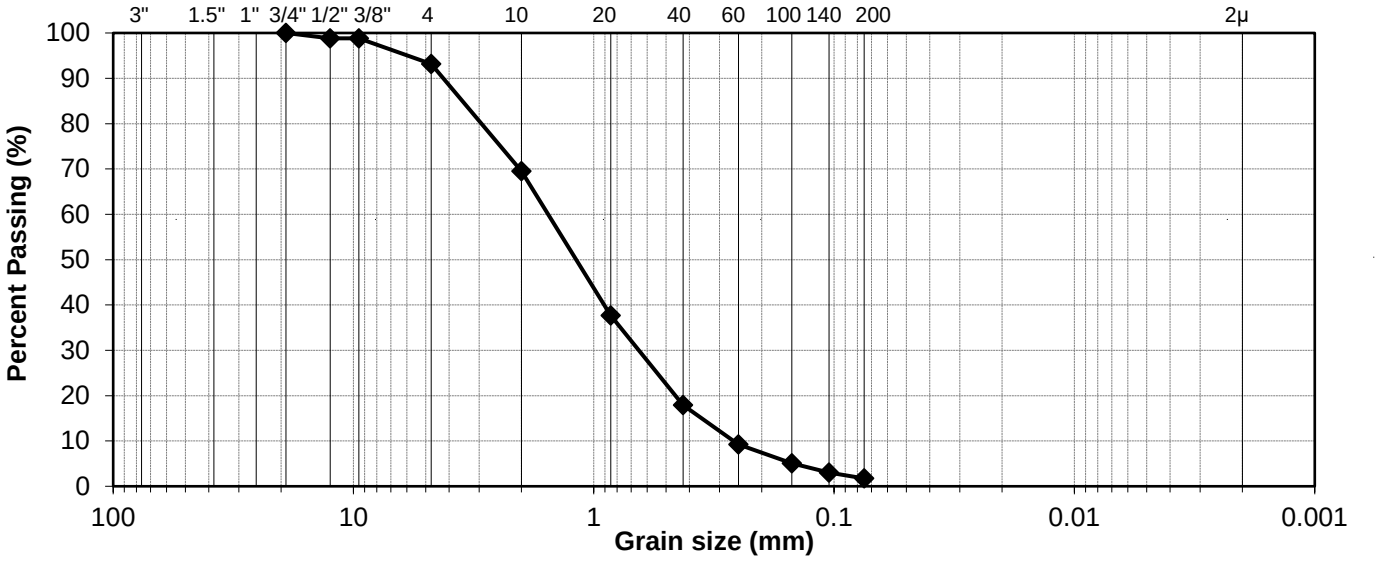
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-2	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	25.5		
Sample Description:	Olive Gray, Well Graded Sand (SW)		

Dry Weight (g) **354.2**

Sieve Size	Aperture	Weight Retained	% Retained	**% Passing**	**Project Specification**
	mm	g	%	**%**	**%**
3"	76.2	0.00	0.0	**100.0**	**-**
1.5"	38.1	0.00	0.0	**100.0**	**-**
1"	25.4	0.00	0.0	**100.0**	**-**
3/4 "	19.1	0.00	0.0	**100.0**	**-**
1/2 "	12.5	4.28	1.2	**98.8**	**-**
3/8 "	9.5	0.00	0.0	**98.8**	**-**
# 4	4.75	19.99	5.6	**93.1**	**-**
# 10	2.00	83.62	23.6	**69.5**	**-**
# 20	0.85	112.81	31.9	**37.7**	**-**
# 40	0.425	70.06	19.8	**17.9**	**-**
# 60	0.250	30.64	8.7	**9.3**	**-**
# 100	0.150	14.86	4.2	**5.1**	**-**
# 140	0.105	7.30	2.1	**3.0**	**-**
# 200	0.075	4.49	1.3	**1.7**	**-**
Soil % passing 200 sieve (%)		6.13	1.7	**0.0**	**-**



Particle-Size Analysis	D_{10}	0.27	% Gravel	% Sand	% Fines
	D_{30}	0.68	6.9	91.4	1.7
	D_{60}	1.66	Sample Description / USCS Classification		
	C_u	6.25	Olive Gray, Well Graded Sand (SW)		
	C_c	1.07			

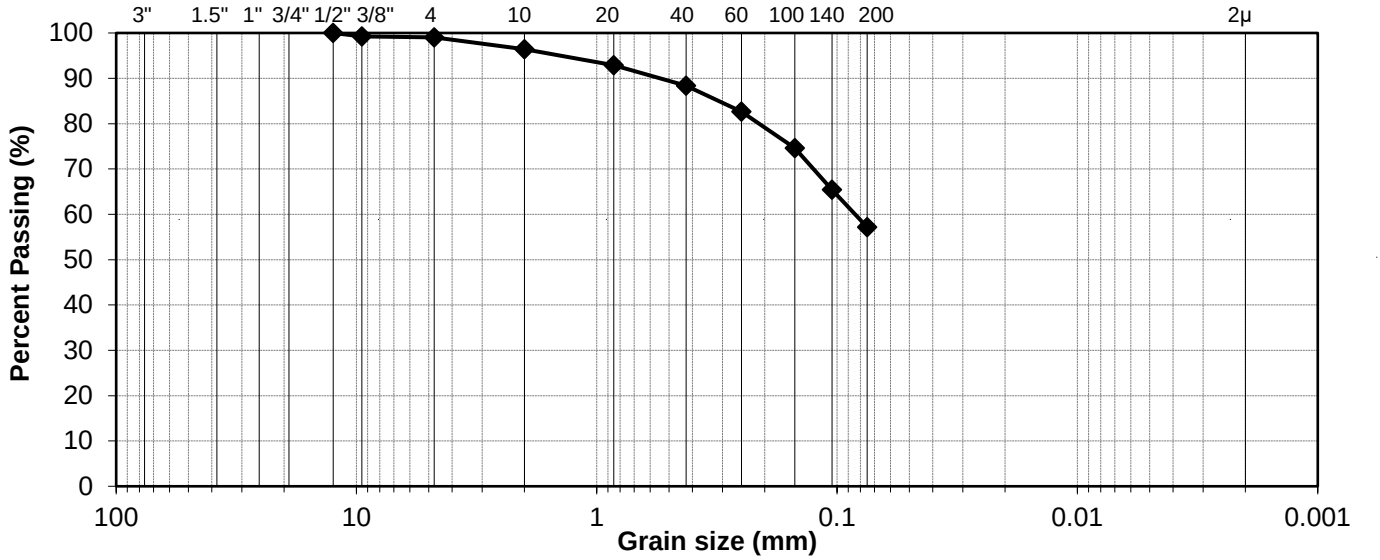
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-01	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	5.5		
Sample Description:	Brown, Sandy Lean Clay (CL)		

Dry Weight (g) **252.1**

Sieve Size	Aperture	Weight Retained	% Retained	**% Passing**	**Project Specification**
	mm	g	%	**%**	**%**
3"	76.2	0.00	0.0	**100.0**	**-**
1.5"	38.1	0.00	0.0	**100.0**	**-**
1"	25.4	0.00	0.0	**100.0**	**-**
3/4 "	19.1	0.00	0.0	**100.0**	**-**
1/2 "	12.5	0.00	0.0	**100.0**	**-**
3/8 "	9.5	1.86	0.7	**99.3**	**-**
# 4	4.75	0.65	0.3	**99.0**	**-**
# 10	2.00	6.53	2.6	**96.4**	**-**
# 20	0.85	8.89	3.5	**92.9**	**-**
# 40	0.425	11.41	4.5	**88.4**	**-**
# 60	0.250	14.47	5.7	**82.6**	**-**
# 100	0.150	20.24	8.0	**74.6**	**-**
# 140	0.105	23.14	9.2	**65.4**	**-**
# 200	0.075	20.78	8.2	**57.2**	**-**
Soil % passing 200 sieve (%)		144.10	57.2	**0.0**	**-**



Particle-Size Analysis	D_{10}	-	% Gravel	% Sand	% Fines
	D_{30}	-	1.0	41.8	57.2
	D_{60}	-	Sample Description / USCS Classification		
	C_u	-	Brown, Sandy Lean Clay (CL)		
	C_c	-			

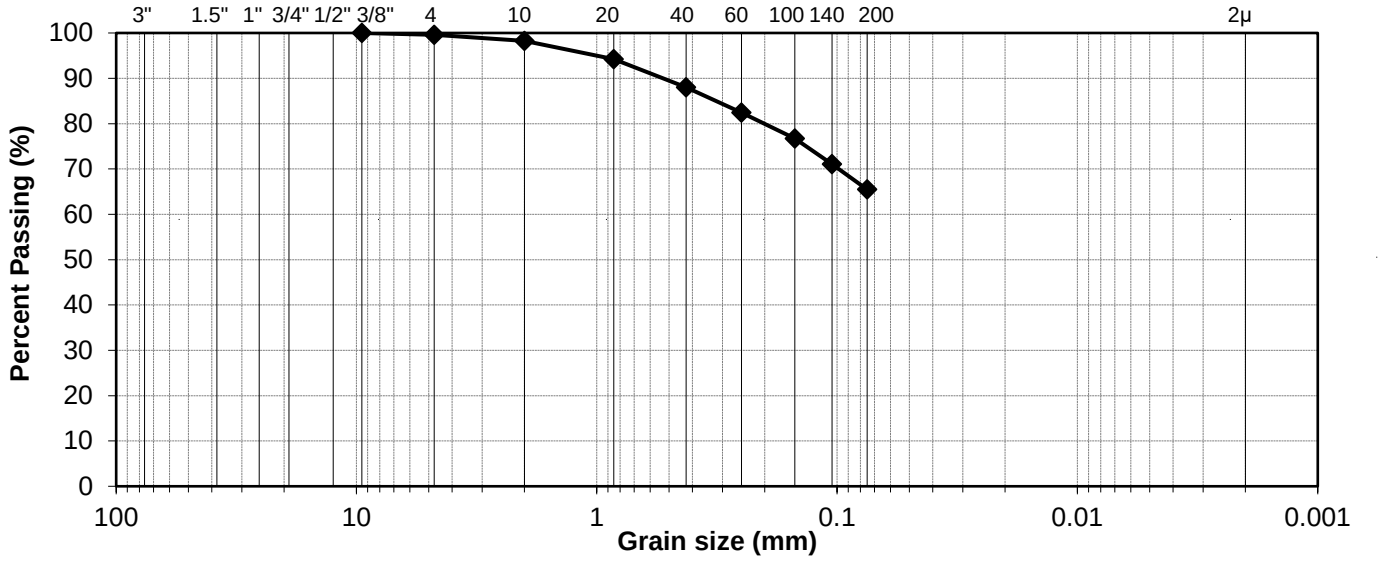
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-01	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	15.5		
Sample Description:	Brown, Sandy Lean Clay (CL)		

Dry Weight (g) **228.2**

Sieve Size	Aperture	Weight Retained	% Retained	**% Passing**	**Project Specification**
	mm	g	%	**%**	**%**
3"	76.2	0.00	0.0	**100.0**	**-**
1.5"	38.1	0.00	0.0	**100.0**	**-**
1"	25.4	0.00	0.0	**100.0**	**-**
3/4 "	19.1	0.00	0.0	**100.0**	**-**
1/2 "	12.5	0.00	0.0	**100.0**	**-**
3/8 "	9.5	0.00	0.0	**100.0**	**-**
# 4	4.75	0.95	0.4	**99.6**	**-**
# 10	2.00	3.10	1.4	**98.2**	**-**
# 20	0.85	9.08	4.0	**94.2**	**-**
# 40	0.425	14.26	6.2	**88.0**	**-**
# 60	0.250	12.76	5.6	**82.4**	**-**
# 100	0.150	13.03	5.7	**76.7**	**-**
# 140	0.105	12.79	5.6	**71.1**	**-**
# 200	0.075	12.85	5.6	**65.5**	**-**
Soil % passing 200 sieve (%)		149.42	65.5	**0.0**	**-**



Particle-Size Analysis	D_{10}	-	% Gravel	% Sand	% Fines
	D_{30}	-	0.4	34.1	65.5
	D_{60}	-	Sample Description / USCS Classification		
	C_u	-	Brown, Sandy Lean Clay (CL)		
	C_c	-			

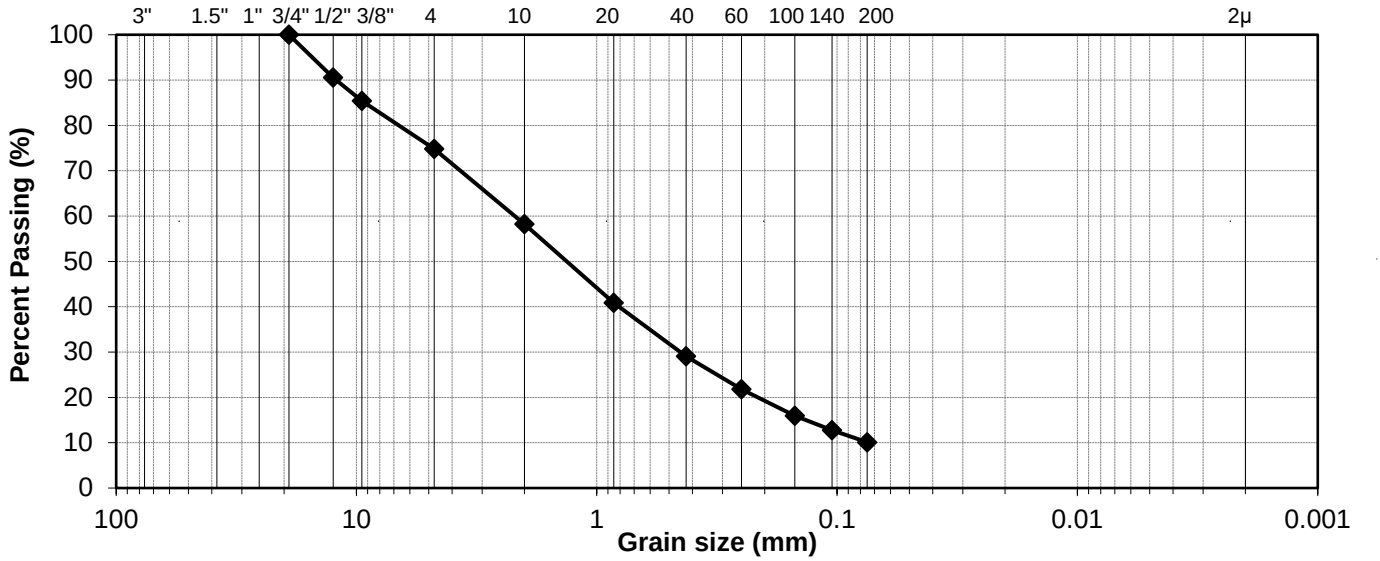
PARTICLE-SIZE ANALYSIS OF SOILS

ASTM D6913

Client:	EKI Enviroment & Water, Inc.	*HAI Project No.:*	EKI-22-002
Project Name:	Culver Crossing	*Tested by:*	GA
Project No.:	C20100.01	*Checked by:*	KL
Boring No.:	SVP-9	*Date:*	08/30/22
Sample No.:	-		
Depth (ft):	15.5		
Sample Description:	Olive, Well Graded Sand with Silt and Gravel (SW-SM)		

Dry Weight (g) **363.5**

Sieve Size	Aperture	Weight Retained	% Retained	(Accumulative) % Passing	Project Specification
	mm	g	%	%	%
3"	76.2	0.00	0.0	**100.0**	-
1.5"	38.1	0.00	0.0	**100.0**	-
1"	25.4	0.00	0.0	**100.0**	-
3/4 "	19.1	0.00	0.0	**100.0**	-
1/2 "	12.5	34.24	9.4	**90.6**	-
3/8 "	9.5	18.91	5.2	**85.4**	-
# 4	4.75	38.37	10.6	**74.8**	-
Dry Weight (g)	**104.1**				
# 10	2.00	23.05	22.2	**58.2**	-
# 20	0.85	24.22	23.3	**40.8**	-
# 40	0.425	16.34	15.7	**29.1**	-
# 60	0.250	10.10	9.7	**21.8**	-
# 100	0.150	8.13	7.8	**16.0**	-
# 140	0.105	4.50	4.3	**12.7**	-
# 200	0.075	3.66	3.5	**10.1**	-
Soil % passing 200 sieve (%)		14.06	13.5	**10.11**	-



Particle-Size Analysis	D_{10}	0.07	% Gravel	% Sand	% Fines
	D_{30}	0.46	25.2	64.7	10.1
	D_{60}	2.29	Sample Description / USCS Classification		
	C_u	32.73	Olive, Well Graded Sand with Silt and Gravel (SW-SM)		
	C_c	1.31			

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-2**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**5.5**		

Total wt of rings and soil	g	235.48
Height of sample	in	3.766
Diameter of sample	in	1.538
Volume of sample	cu.ft	0.0040
Weight of tube	g	0.00
Weight of soil	lbs.	0.52
Wet density	pcf	128.22

Weight of cont.+ wet soil	g	417.07
Weight of cont.+ dry soil	g	365.49
Weight of container	g	67.74
Weight of water	g	51.5800
Weight of dry soil	g	297.75
Moisture content	%	17.32
Dry density	pcf	109.29

Weight of pycnometer	g	112.89	94.50
Weight of pycnometer + water ($M_{pw,t}$)	g	361.78	343.41
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	393.51	375.01
Weight of drying container	g	223.86	217.02
Weight of drying container + oven dry soil	g	275.20	268.16
Weight of oven dry soil (M_s)	g	51.34	51.14

Temperature	ºC	25.2	25.1
Temperature coefficient K	-	0.99879	0.99882
Specific gravity of soil at 20 ºC ($G_{20\,ºC}$)	g/cm^3	2.614	2.615
Average specific gravity of soil	g/cm^3	2.615	

$$G_{20\,ºC} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**17.32**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**109.29**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.61**
Void Ratio, e	**API RP840**	**-**	**0.49**
Porosity, n		**%**	**33.01**

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2208N14

Report Created for: EKI Environment & Water

2001 Junipero Serra Boulevard, Suite 300
Daly City, CA 94014

Project Contact: Jessica Curran
Project P.O.: C20100.01
Project: C20100.01; Culver Crossing

Project Received: 08/31/2022

Analytical Report reviewed & approved for release on 09/07/2022 by:

Christine Askari
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: EKI Environment & Water **WorkOrder:** 2208N14

Project: C20100.01; Culver Crossing

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PDSD	Post Digestion Spike Duplicate
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit (The RL is the lowest calibration standard in a multipoint calibration.)
RPD	Relative Percent Deviation
RRT	Relative Retention Time
SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TZA	TimeZone Net Adjustment for sample collected outside of MAI's UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	EKI Environment & Water	**WorkOrder:**	2208N14
Date Received:	08/31/2022 10:07	**Extraction Method:**	SW9060A
Date Prepared:	09/06/2022	**Analytical Method:**	SW9060A
Project:	C20100.01; Culver Crossing	**Unit:**	mg/kg

Total Organic Carbon (TOC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-9-25.5	2208N14-001A	Soil	08/29/2022 13:40	WC_CNS F090622-1_1023_12	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**8300**	200	1	09/06/2022 20:13

Analyst(s): DMA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-9-5.5	2208N14-002A	Soil	08/29/2022 12:43	WC_CNS F090622-1_1023_13	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**1800**	200	1	09/06/2022 20:26

Analyst(s): DMA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-9-15.5	2208N14-003A	Soil	08/29/2022 13:20	WC_CNS F090622-1_1023_14	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**2200**	200	1	09/06/2022 20:40

Analyst(s): DMA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-2-5.5	2208N14-004A	Soil	08/29/2022 09:00	WC_CNS F090622-1_1023_15	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**1600**	200	1	09/06/2022 20:52

Analyst(s): DMA

(Cont.)

NELAP 4033ORELAP

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Analytical Report

Client:	EKI Environment & Water	**WorkOrder:**	2208N14
Date Received:	08/31/2022 10:07	**Extraction Method:**	SW9060A
Date Prepared:	09/06/2022	**Analytical Method:**	SW9060A
Project:	C20100.01; Culver Crossing	**Unit:**	mg/kg

Total Organic Carbon (TOC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-2-15.5	2208N14-005A	Soil	08/29/2022 10:50	WC_CNS F090622-1_1023_16	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**820**	200	1	09/06/2022 21:04

Analyst(s): DMA

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
SVP-2-25.5	2208N14-006A	Soil	08/29/2022 11:25	WC_CNS F090622-1_1023_17	253403

Analytes	Result	RL	DF	Date Analyzed
TOC	**840**	200	1	09/06/2022 21:15

Analyst(s): DMA

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Quality Control Report

Client:	EKI Environment & Water	**WorkOrder:**	2208N14
Date Prepared:	09/06/2022	**BatchID:**	253403
Date Analyzed:	09/06/2022	**Extraction Method:**	SW9060A
Instrument:	WC_CNS	**Analytical Method:**	SW9060A
Matrix:	Soil	**Unit:**	mg/kg
Project:	C20100.01; Culver Crossing	**Sample ID:**	MB/LCS/LCSD-253403

QC Summary Report for SW9060A

Analyte	MB Result	MDL	RL			
TOC	ND	200	200	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TOC	8200	8200	8200	100	100	80-120	0.372	20

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2208N14 **ClientCode: EKI** **QuoteID: 223568**

☐ WaterTrax ☐ CLIP ☑ EDF ☐ EQuIS ☐ Dry-Weight ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☐ Detection Summary ☑ Excel []

Report to:
Jessica Curran
EKI Environment & Water
2001 Junipero Serra Boulevard, Suite 300
Daly City, CA 94014
650-292-9100 FAX:
Email: jcurran@ekiconsult.com
cc/3rd Party: cingalls@ekiconsult.com;
PO: C20100.01
Project: C20100.01; Culver Crossing

Bill to:
Accounts Payable
EKI Environment & Water
2001Junipero Serra Blvd, Ste. 300
Daly City, CA 94014
aaranha@ekiconsult.com; accounting@

Requested TAT: 5 days;
Date Received: 08/31/2022
Date Logged: 09/01/2022

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2208N14-001	SVP-9-25.5	Soil	8/29/2022 13:40	☐	A	A	A									
2208N14-002	SVP-9-5.5	Soil	8/29/2022 12:43	☐	A	A										
2208N14-003	SVP-9-15.5	Soil	8/29/2022 13:20	☐	A	A										
2208N14-004	SVP-2-5.5	Soil	8/29/2022 09:00	☐	A	A										
2208N14-005	SVP-2-15.5	Soil	8/29/2022 10:50	☐	A	A										
2208N14-006	SVP-2-25.5	Soil	8/29/2022 11:25	☐	A	A										

Test Legend:

1	cnsTOC_S	2	PRDisposal Fee	3	PREDF REPORT	4	
5		6		7		8	
9		10		11		12	

Project Manager: Susan Thompson **Prepared by: Agustina Venegas**

Comments: Address and A/R contact info changed per email 12/8/21. ST

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: EKI ENVIRONMENT & WATER
Client Contact: Jessica Curran
Contact's Email: jcurran@ekiconsult.com

Project: C20100.01; Culver Crossing
Comments: Address and A/R contact info changed per email 12/8/21. ST

Work Order: 2208N14
QC Level: LEVEL 2
Date Logged: 9/1/2022

☐ WaterTrax ☐ WriteOn ☑ EDF ☑ Excel ☐ EQuIS ☐ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	SVP-9-25.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 13:40	5 days	9/8/2022		☐	☐
002A	SVP-9-5.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 12:43	5 days	9/8/2022		☐	☐
003A	SVP-9-15.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 13:20	5 days	9/8/2022		☐	☐
004A	SVP-2-5.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 9:00	5 days	9/8/2022		☐	☐
005A	SVP-2-15.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 10:50	5 days	9/8/2022		☐	☐
006A	SVP-2-25.5	Soil	SW9060A (TOC)	1	4OZ GJ, Unpres	☐	☐	☐	8/29/2022 11:25	5 days	9/8/2022		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

General COC

MAI Work Order # 2208N14

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD ● | Quote # 223568
J-Flag / MDL | ESL | Cleanup Approved | Dry Weight | Bottle Order #
Delivery Format: PDF ● | GeoTracker EDF ● | EDD ● | CLIP EDT (DW) | Detect Summary

Report To: Jessica Curran | Bill To: Jessica Curran
Company: EKI Environment & Water
Email: jcurran@ekiconsult.com
Alt Email: cingalls@ekiconsult.com | Tele: 650-292-9100
Project Name: Culver Crossing | Project #: C20100.01
Project Location: 8876 Venice Blvd. Culver City | PO # C20100.01
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Analysis Requested: SW9060A (TOC)
SVP-9-25.5	8/29/22	13:40	1	Soil		X
SVP-9-5.5	"	12:43	1	Soil		X
SVP-9-15.5	"	13:20	1	Soil		X
SVP-2-5.5	"	09:00	1	Soil		X
SVP-2-15.5	"	10:50	1	Soil		X
SVP-2-25.5	"	11:25	1	Soil		X

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
EKI	8/30/22	14:50	FEDEX	8/30/22	14:58
			[signature]	8/31/2022	1007A

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 3.2 °C Initials WET

FEDEX: 277405947241

Page of

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Sample Receipt Checklist

Client Name:	EKI Environment & Water	Date and Time Received:	8/31/2022 10:07
Project:	C20100.01; Culver Crossing	Date Logged:	9/1/2022
		Received by:	Agustina Venegas
WorkOrder №:	2208N14 Matrix: Soil	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☑	No	☐	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☐	No	☑	
COC agrees with Quote?	Yes	☑	No	☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA ☐
Samples Received on Ice?	Yes	☑	No	☐	
(Ice Type: WET ICE)					
Sample/Temp Blank temperature	Temp: 3.2°C				NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
UCMR Samples:					
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA ☑

Comments:

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-2**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**15.5**		

Total wt of rings and soil	g	305.01
Height of sample	in	3.630
Diameter of sample	in	1.635
Volume of sample	cu.ft	0.0044
Weight of tube	g	29.16
Weight of soil	lbs.	0.61
Wet density	pcf	137.89

Weight of cont.+ wet soil	g	465.63
Weight of cont.+ dry soil	g	429.42
Weight of container	g	66.41
Weight of water	g	36.2100
Weight of dry soil	g	363.01
Moisture content	%	9.97
Dry density	pcf	125.38

Weight of pycnometer	g	98.58	97.80
Weight of pycnometer + water ($M_{pw,t}$)	g	347.59	346.70
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	378.90	378.12
Weight of drying container	g	219.40	221.29
Weight of drying container + oven dry soil	g	269.44	271.59
Weight of oven dry soil (M_s)	g	50.04	50.30

Temperature	ºC	25.4	25.3
Temperature coefficient K	-	0.99874	0.99877
Specific gravity of soil at 20 ºC ($G_{20\,°C}$)	g/cm^3	2.669	2.661
Average specific gravity of soil	g/cm^3	2.665	

$$G_{20\,°C} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**9.97**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**125.38**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.67**
Void Ratio, e	**API RP840**	**-**	**0.33**
Porosity, n		**%**	**24.61**

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-2**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**25.5**		

Total wt of rings and soil	g	437.46
Height of sample	in	6.138
Diameter of sample	in	1.679
Volume of sample	cu.ft	0.0079
Weight of tube	g	32.69
Weight of soil	lbs.	0.89
Wet density	pcf	113.47

Weight of cont.+ wet soil	g	467.34
Weight of cont.+ dry soil	g	443.78
Weight of container	g	66.09
Weight of water	g	23.5600
Weight of dry soil	g	377.69
Moisture content	%	6.24
Dry density	pcf	106.80

Weight of pycnometer	g	97.80	114.87
Weight of pycnometer + water ($M_{pw,t}$)	g	346.70	363.84
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	378.08	395.44
Weight of drying container	g	218.02	219.75
Weight of drying container + oven dry soil	g	268.30	270.37
Weight of oven dry soil (M_s)	g	50.28	50.62

Temperature	ºC	25.2	25.3
Temperature coefficient K	-	0.99879	0.99877
Specific gravity of soil at 20 ºC ($G_{20\,°C}$)	g/cm^3	2.657	2.658
Average specific gravity of soil	g/cm^3	2.657	

$$G_{20\,°C} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**6.24**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**106.80**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.66**
Void Ratio, e	**API RP840**	**-**	**0.55**
Porosity, n		**%**	**35.59**

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-9**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**5.5**		

Total wt of rings and soil	g	292.01
Height of sample	in	4.978
Diameter of sample	in	1.506
Volume of sample	cu.ft	0.0051
Weight of tube	g	0.00
Weight of soil	lbs.	0.64
Wet density	pcf	125.45

Weight of cont.+ wet soil	g	357.76
Weight of cont.+ dry soil	g	317.25
Weight of container	g	65.75
Weight of water	g	40.5100
Weight of dry soil	g	251.50
Moisture content	%	16.11
Dry density	pcf	108.05

Weight of pycnometer	g	96.87	98.58
Weight of pycnometer + water ($M_{pw,t}$)	g	345.86	347.59
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	377.44	379.09
Weight of drying container	g	221.21	216.95
Weight of drying container + oven dry soil	g	272.15	267.71
Weight of oven dry soil (M_s)	g	50.94	50.76

Temperature	ºC	25.2	25.3
Temperature coefficient K	-	0.99879	0.99877
Specific gravity of soil at 20 ºC ($G_{20\,ºC}$)	g/cm^3	2.628	2.632
Average specific gravity of soil	g/cm^3	2.630	

$$G_{20\,ºC} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**16.11**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**108.05**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.63**
Void Ratio, e	**API RP840**	**-**	**0.52**
Porosity, n		**%**	**34.15**

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-01**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**15.5**		

Total wt of rings and soil	g	97.65
Height of sample	in	1.720
Diameter of sample	in	1.479
Volume of sample	cu.ft	0.0017
Weight of tube	g	0.00
Weight of soil	lbs.	0.22
Wet density	pcf	125.89

Weight of cont.+ wet soil	g	337.16
Weight of cont.+ dry soil	g	291.19
Weight of container	g	64.64
Weight of water	g	45.9700
Weight of dry soil	g	226.55
Moisture content	%	20.29
Dry density	pcf	104.65

Weight of pycnometer	g	94.53	88.44
Weight of pycnometer + water ($M_{pw,t}$)	g	343.56	337.30
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	374.96	368.91
Weight of drying container	g	223.47	220.83
Weight of drying container + oven dry soil	g	274.13	271.72
Weight of oven dry soil (M_s)	g	50.66	50.89

Temperature	ºC	25.2	25.2
Temperature coefficient K	-	0.99879	0.99879
Specific gravity of soil at 20 ºC ($G_{20\,ºC}$)	g/cm^3	2.627	2.636
Average specific gravity of soil	g/cm^3	2.631	

$$G_{20\,ºC} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**20.29**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**104.65**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.63**
Void Ratio, e	**API RP840**	**-**	**0.57**
Porosity, n		**%**	**36.26**

TOTAL POROSITY

API RP 40

Client:	**EKI Enviroment & Water, Inc.**	***HAI Project No.:***	**EKI-22-002**
Project Name:	**Culver Crossing**	***Tested by:***	**KL**
Location:	**C20100.01**	***Checked by:***	**MV**
Boring No.:	**SVP-9**	***Date:***	**08/30/22**
Sample No.:	**-**		
Depth (ft):	**25.5**		

Total wt of rings and soil	g	317.20
Height of sample	in	3.934
Diameter of sample	in	1.677
Volume of sample	cu.ft	0.0050
Weight of tube	g	25.32
Weight of soil	lbs.	0.64
Wet density	pcf	127.96

Weight of cont.+ wet soil	g	382.19
Weight of cont.+ dry soil	g	363.96
Weight of container	g	65.36
Weight of water	g	18.2300
Weight of dry soil	g	298.60
Moisture content	%	6.11
Dry density	pcf	120.60

Weight of pycnometer	g	94.53	88.44
Weight of pycnometer + water ($M_{pw,t}$)	g	343.56	337.30
Weight of pycnometer + water + soil ($M_{pws,t}$)	g	375.81	369.29
Weight of drying container	g	222.18	221.70
Weight of drying container + oven dry soil	g	273.68	272.89
Weight of oven dry soil (M_s)	g	51.50	51.19

Temperature	ºC	25.3	25.3
Temperature coefficient K	-	0.99877	0.99877
Specific gravity of soil at 20 ºC ($G_{20\,ºC}$)	g/cm^3	2.672	2.663
Average specific gravity of soil	g/cm^3	2.668	

$$G_{20\,ºC} = K*M_s / (M_{pw,t} - (M_{pws,t} - M_s))$$

Summary:

Moisture Content, w	**ASTM D2216**	**%**	**6.11**
Dry Density, γ_d	**ASTM D2937**	**pcf**	**120.60**
Specific Gravity of Soil, G_s	**ASTM D8454**	**g/cm^3**	**2.67**
Void Ratio, e	**API RP840**	**-**	**0.38**
Porosity, n		**%**	**27.55**

Appendix C

ProUCL Output File

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 9/29/2022 1:37:15 PM
From File	ProUCL_CC-2022-09-29.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Benzene

General Statistics

Total Number of Observations	15	Number of Distinct Observations	13
Number of Detects	14	Number of Non-Detects	1
Number of Distinct Detects	12	Number of Distinct Non-Detects	1
Minimum Detect	2.2	Minimum Non-Detect	12
Maximum Detect	230	Maximum Non-Detect	12
Variance Detects	4905	Percent Non-Detects	6.667%
Mean Detects	86.28	SD Detects	70.03
Median Detects	96.5	CV Detects	0.812
Skewness Detects	0.453	Kurtosis Detects	-0.37
Mean of Logged Detects	3.785	SD of Logged Detects	1.554

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.915	Shapiro Wilk GOF Test
1% Shapiro Wilk Critical Value	0.825	Detected Data appear Normal at 1% Significance Level
Lilliefors Test Statistic	0.185	Lilliefors GOF Test
1% Lilliefors Critical Value	0.263	Detected Data appear Normal at 1% Significance Level

Detected Data appear Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	80.81	KM Standard Error of Mean	18.31
90KM SD	68.33	95% KM (BCA) UCL	111
95% KM (t) UCL	113.1	95% KM (Percentile Bootstrap) UCL	110
95% KM (z) UCL	110.9	95% KM Bootstrap t UCL	115.4
90% KM Chebyshev UCL	135.7	95% KM Chebyshev UCL	160.6
97.5% KM Chebyshev UCL	195.2	99% KM Chebyshev UCL	263

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.798	Anderson-Darling GOF Test
5% A-D Critical Value	0.765	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.271	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.236	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.872	k star (bias corrected MLE)	0.733
Theta hat (MLE)	98.9	Theta star (bias corrected MLE)	117.7
nu hat (MLE)	24.43	nu star (bias corrected)	20.53
Mean (detects)	86.28		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	2.2				Mean	81.7	
59					Maximum	230				Median	93	
60					SD	69.77				CV	0.854	
61					k hat (MLE)	0.865				k star (bias corrected MLE)	0.736	
62					Theta hat (MLE)	94.45				Theta star (bias corrected MLE)	110.9	
63					nu hat (MLE)	25.95				nu star (bias corrected)	22.09	
64					Adjusted Level of Significance (β)	0.0324						
65					Approximate Chi Square Value (22.09, α)	12.41				Adjusted Chi Square Value (22.09, β)	11.52	
66					95% Gamma Approximate UCL	145.5				95% Gamma Adjusted UCL	156.7	
67												
68	Estimates of Gamma Parameters using KM Estimates											
69					Mean (KM)	80.81				SD (KM)	68.33	
70					Variance (KM)	4669				SE of Mean (KM)	18.31	
71					k hat (KM)	1.399				k star (KM)	1.163	
72					nu hat (KM)	41.96				nu star (KM)	34.9	
73					theta hat (KM)	57.78				theta star (KM)	69.46	
74					80% gamma percentile (KM)	128.3				90% gamma percentile (KM)	179.3	
75					95% gamma percentile (KM)	229.6				99% gamma percentile (KM)	345.2	
76												
77	Gamma Kaplan-Meier (KM) Statistics											
78					Approximate Chi Square Value (34.90, α)	22.39				Adjusted Chi Square Value (34.90, β)	21.16	
79					95% KM Approximate Gamma UCL	126				95% KM Adjusted Gamma UCL	133.3	
80												
81	Lognormal GOF Test on Detected Observations Only											
82					Shapiro Wilk Test Statistic	0.831				Shapiro Wilk GOF Test		
83					10% Shapiro Wilk Critical Value	0.895				Detected Data Not Lognormal at 10% Significance Level		
84					Lilliefors Test Statistic	0.301				Lilliefors GOF Test		
85					10% Lilliefors Critical Value	0.208				Detected Data Not Lognormal at 10% Significance Level		
86	Detected Data Not Lognormal at 10% Significance Level											
87												
88	Lognormal ROS Statistics Using Imputed Non-Detects											
89					Mean in Original Scale	80.93				Mean in Log Scale	3.653	
90					SD in Original Scale	70.59				SD in Log Scale	1.582	
91					95% t UCL (assumes normality of ROS data)	113				95% Percentile Bootstrap UCL	109.8	
92					95% BCA Bootstrap UCL	111.8				95% Bootstrap t UCL	117.3	
93					95% H-UCL (Log ROS)	662						
94												
95	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution											
96					KM Mean (logged)	3.618				KM Geo Mean	37.25	
97					KM SD (logged)	1.583				95% Critical H Value (KM-Log)	3.765	
98					KM Standard Error of Mean (logged)	0.427				95% H-UCL (KM -Log)	641.3	
99					KM SD (logged)	1.583				95% Critical H Value (KM-Log)	3.765	
100					KM Standard Error of Mean (logged)	0.427						
101												
102	DL/2 Statistics											
103	DL/2 Normal									DL/2 Log-Transformed		
104					Mean in Original Scale	80.93				Mean in Log Scale	3.652	
105					SD in Original Scale	70.6				SD in Log Scale	1.583	
106					95% t UCL (Assumes normality)	113				95% H-Stat UCL	664.4	

107			DL/2 is not a recommended method, provided for comparisons and historical reasons									
108												
109					Nonparametric Distribution Free UCL Statistics							
110					Detected Data appear Normal Distributed at 1% Significance Level							
111												
112						Suggested UCL to Use						
113					95% KM (t) UCL	113.1						
114												
115					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
116					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
117					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
118												
119	Ethylbenzene											
120												
121						General Statistics						
122					Total Number of Observations	15			Number of Distinct Observations	12		
123					Number of Detects	14			Number of Non-Detects	1		
124					Number of Distinct Detects	12			Number of Distinct Non-Detects	1		
125					Minimum Detect	1.6			Minimum Non-Detect	16		
126					Maximum Detect	360			Maximum Non-Detect	16		
127					Variance Detects	10841			Percent Non-Detects	6.667%		
128					Mean Detects	118.3			SD Detects	104.1		
129					Median Detects	110			CV Detects	0.881		
130					Skewness Detects	0.879			Kurtosis Detects	0.555		
131					Mean of Logged Detects	4.033			SD of Logged Detects	1.698		
132												
133						Normal GOF Test on Detects Only						
134					Shapiro Wilk Test Statistic	0.913			Shapiro Wilk GOF Test			
135					1% Shapiro Wilk Critical Value	0.825			Detected Data appear Normal at 1% Significance Level			
136					Lilliefors Test Statistic	0.163			Lilliefors GOF Test			
137					1% Lilliefors Critical Value	0.263			Detected Data appear Normal at 1% Significance Level			
138						Detected Data appear Normal at 1% Significance Level						
139												
140						Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs						
141					KM Mean	110.5			KM Standard Error of Mean	27.11		
142					90KM SD	101.2			95% KM (BCA) UCL	155.7		
143					95% KM (t) UCL	158.2			95% KM (Percentile Bootstrap) UCL	155.3		
144					95% KM (z) UCL	155.1			95% KM Bootstrap t UCL	164.6		
145					90% KM Chebyshev UCL	191.8			95% KM Chebyshev UCL	228.7		
146					97.5% KM Chebyshev UCL	279.8			99% KM Chebyshev UCL	380.3		
147												
148						Gamma GOF Tests on Detected Observations Only						
149					A-D Test Statistic	0.443			Anderson-Darling GOF Test			
150					5% A-D Critical Value	0.768			Detected data appear Gamma Distributed at 5% Significance Level			
151					K-S Test Statistic	0.201			Kolmogorov-Smirnov GOF			
152					5% K-S Critical Value	0.237			Detected data appear Gamma Distributed at 5% Significance Level			
153						Detected data appear Gamma Distributed at 5% Significance Level						
154												
155						Gamma Statistics on Detected Data Only						
156					k hat (MLE)	0.802			k star (bias corrected MLE)	0.678		
157					Theta hat (MLE)	147.5			Theta star (bias corrected MLE)	174.5		
158					nu hat (MLE)	22.45			nu star (bias corrected)	18.97		
159					Mean (detects)	118.3						

160											
161	Gamma ROS Statistics using Imputed Non-Detects										
162	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
163	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
164	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
165	This is especially true when the sample size is small.										
166	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
167				Minimum	1.6			Mean	111.2		
168				Maximum	360			Median	80		
169				SD	104			CV	0.936		
170				k hat (MLE)	0.764			k star (bias corrected MLE)	0.656		
171				Theta hat (MLE)	145.5			Theta star (bias corrected MLE)	169.5		
172				nu hat (MLE)	22.93			nu star (bias corrected)	19.68		
173				Adjusted Level of Significance (β)	0.0324						
174				Approximate Chi Square Value (19.68, α)	10.61			Adjusted Chi Square Value (19.68, β)	9.8		
175				95% Gamma Approximate UCL	206.1			95% Gamma Adjusted UCL	223.2		
176											
177	Estimates of Gamma Parameters using KM Estimates										
178				Mean (KM)	110.5			SD (KM)	101.2		
179				Variance (KM)	10240			SE of Mean (KM)	27.11		
180				k hat (KM)	1.192			k star (KM)	0.998		
181				nu hat (KM)	35.76			nu star (KM)	29.94		
182				theta hat (KM)	92.68			theta star (KM)	110.7		
183				80% gamma percentile (KM)	177.8			90% gamma percentile (KM)	254.5		
184				95% gamma percentile (KM)	331.2			99% gamma percentile (KM)	509.3		
185											
186	Gamma Kaplan-Meier (KM) Statistics										
187				Approximate Chi Square Value (29.94, α)	18.45			Adjusted Chi Square Value (29.94, β)	17.34		
188				95% KM Approximate Gamma UCL	179.3			95% KM Adjusted Gamma UCL	190.8		
189											
190	Lognormal GOF Test on Detected Observations Only										
191				Shapiro Wilk Test Statistic	0.838			Shapiro Wilk GOF Test			
192				10% Shapiro Wilk Critical Value	0.895			Detected Data Not Lognormal at 10% Significance Level			
193				Lilliefors Test Statistic	0.204			Lilliefors GOF Test			
194				10% Lilliefors Critical Value	0.208			Detected Data appear Lognormal at 10% Significance Level			
195	Detected Data appear Approximate Lognormal at 10% Significance Level										
196											
197	Lognormal ROS Statistics Using Imputed Non-Detects										
198				Mean in Original Scale	110.7			Mean in Log Scale	3.864		
199				SD in Original Scale	104.5			SD in Log Scale	1.762		
200				95% t UCL (assumes normality of ROS data)	158.2			95% Percentile Bootstrap UCL	154.7		
201				95% BCA Bootstrap UCL	159.7			95% Bootstrap t UCL	167.4		
202				95% H-UCL (Log ROS)	1555						
203											
204	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution										
205				KM Mean (logged)	3.801			KM Geo Mean	44.75		
206				KM SD (logged)	1.803			95% Critical H Value (KM-Log)	4.182		
207				KM Standard Error of Mean (logged)	0.483			95% H-UCL (KM -Log)	1704		
208				KM SD (logged)	1.803			95% Critical H Value (KM-Log)	4.182		
209				KM Standard Error of Mean (logged)	0.483						
210											
211	DL/2 Statistics										
212	DL/2 Normal							DL/2 Log-Transformed			

213				Mean in Original Scale	110.9					Mean in Log Scale	3.903	
214				SD in Original Scale	104.3					SD in Log Scale	1.712	
215				95% t UCL (Assumes normality)	158.3					95% H-Stat UCL	1341	
216			DL/2 is not a recommended method, provided for comparisons and historical reasons									
217												
218				Nonparametric Distribution Free UCL Statistics								
219				Detected Data appear Normal Distributed at 1% Significance Level								
220												
221				Suggested UCL to Use								
222				95% KM (t) UCL	158.2							
223												
224	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
225	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
226	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
227												
228												
229	Toluene											
230												
231				General Statistics								
232				Total Number of Observations	15					Number of Distinct Observations	13	
233										Number of Missing Observations	0	
234				Minimum	12					Mean	707.7	
235				Maximum	2300					Median	530	
236				SD	684.2					Std. Error of Mean	176.7	
237				Coefficient of Variation	0.967					Skewness	0.937	
238												
239				Normal GOF Test								
240				Shapiro Wilk Test Statistic	0.884			Shapiro Wilk GOF Test				
241				1% Shapiro Wilk Critical Value	0.835			Data appear Normal at 1% Significance Level				
242				Lilliefors Test Statistic	0.175			Lilliefors GOF Test				
243				1% Lilliefors Critical Value	0.255			Data appear Normal at 1% Significance Level				
244				Data appear Normal at 1% Significance Level								
245												
246				Assuming Normal Distribution								
247				95% Normal UCL				95% UCLs (Adjusted for Skewness)				
248				95% Student's-t UCL	1019					95% Adjusted-CLT UCL (Chen-1995)	1044	
249										95% Modified-t UCL (Johnson-1978)	1026	
250												
251				Gamma GOF Test								
252				A-D Test Statistic	0.535			Anderson-Darling Gamma GOF Test				
253				5% A-D Critical Value	0.78			Detected data appear Gamma Distributed at 5% Significance Level				
254				K-S Test Statistic	0.198			Kolmogorov-Smirnov Gamma GOF Test				
255				5% K-S Critical Value	0.231			Detected data appear Gamma Distributed at 5% Significance Level				
256				Detected data appear Gamma Distributed at 5% Significance Level								
257												
258				Gamma Statistics								
259				k hat (MLE)	0.688					k star (bias corrected MLE)	0.595	
260				Theta hat (MLE)	1029					Theta star (bias corrected MLE)	1190	
261				nu hat (MLE)	20.63					nu star (bias corrected)	17.84	
262				MLE Mean (bias corrected)	707.7					MLE Sd (bias corrected)	917.9	
263										Approximate Chi Square Value (0.05)	9.272	
264				Adjusted Level of Significance	0.0324					Adjusted Chi Square Value	8.521	
265												

266					Assuming Gamma Distribution							
267				95% Approximate Gamma UCL	1361				95% Adjusted Gamma UCL	1481		
268												
269					Lognormal GOF Test							
270				Shapiro Wilk Test Statistic	0.871			Shapiro Wilk Lognormal GOF Test				
271				10% Shapiro Wilk Critical Value	0.901			Data Not Lognormal at 10% Significance Level				
272				Lilliefors Test Statistic	0.21			Lilliefors Lognormal GOF Test				
273				10% Lilliefors Critical Value	0.202			Data Not Lognormal at 10% Significance Level				
274					Data Not Lognormal at 10% Significance Level							
275												
276					Lognormal Statistics							
277				Minimum of Logged Data	2.485				Mean of logged Data	5.681		
278				Maximum of Logged Data	7.741				SD of logged Data	1.763		
279												
280					Assuming Lognormal Distribution							
281				95% H-UCL	9593				90% Chebyshev (MVUE) UCL	2883		
282				95% Chebyshev (MVUE) UCL	3681				97.5% Chebyshev (MVUE) UCL	4789		
283				99% Chebyshev (MVUE) UCL	6964							
284												
285					Nonparametric Distribution Free UCL Statistics							
286					Data appear to follow a Discernible Distribution							
287												
288					Nonparametric Distribution Free UCLs							
289				95% CLT UCL	998.3				95% BCA Bootstrap UCL	1028		
290				95% Standard Bootstrap UCL	986.9				95% Bootstrap-t UCL	1067		
291				95% Hall's Bootstrap UCL	1068				95% Percentile Bootstrap UCL	1003		
292				90% Chebyshev(Mean, Sd) UCL	1238				95% Chebyshev(Mean, Sd) UCL	1478		
293				97.5% Chebyshev(Mean, Sd) UCL	1811				99% Chebyshev(Mean, Sd) UCL	2466		
294												
295					Suggested UCL to Use							
296				95% Student's-t UCL	1019							
297												
298	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
299	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
300	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
301												
302	Total Xylenes											
303												
304					General Statistics							
305				Total Number of Observations	15				Number of Distinct Observations	14		
306				Number of Detects	13				Number of Non-Detects	2		
307				Number of Distinct Detects	12				Number of Distinct Non-Detects	2		
308				Minimum Detect	9.6				Minimum Non-Detect	1.6		
309				Maximum Detect	1300				Maximum Non-Detect	16		
310				Variance Detects	150891				Percent Non-Detects	13.33%		
311				Mean Detects	492.4				SD Detects	388.4		
312				Median Detects	600				CV Detects	0.789		
313				Skewness Detects	0.523				Kurtosis Detects	-0.357		
314				Mean of Logged Detects	5.667				SD of Logged Detects	1.366		
315												
316					Normal GOF Test on Detects Only							
317				Shapiro Wilk Test Statistic	0.915			Shapiro Wilk GOF Test				
318				1% Shapiro Wilk Critical Value	0.814			Detected Data appear Normal at 1% Significance Level				

319				Lilliefors Test Statistic	0.189	Lilliefors GOF Test						
320				1% Lilliefors Critical Value	0.271	Detected Data appear Normal at 1% Significance Level						
321	Detected Data appear Normal at 1% Significance Level											
322												
323	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
324				KM Mean	427.3				KM Standard Error of Mean	103.5		
325				90KM SD	385.1				95% KM (BCA) UCL	595.4		
326				95% KM (t) UCL	609.6				95% KM (Percentile Bootstrap) UCL	593.1		
327				95% KM (z) UCL	597.5				95% KM Bootstrap t UCL	624.6		
328				90% KM Chebyshev UCL	737.8				95% KM Chebyshev UCL	878.4		
329				97.5% KM Chebyshev UCL	1074				99% KM Chebyshev UCL	1457		
330												
331	Gamma GOF Tests on Detected Observations Only											
332				A-D Test Statistic	0.513	Anderson-Darling GOF Test						
333				5% A-D Critical Value	0.756	Detected data appear Gamma Distributed at 5% Significance Level						
334				K-S Test Statistic	0.241	Kolmogorov-Smirnov GOF						
335				5% K-S Critical Value	0.243	Detected data appear Gamma Distributed at 5% Significance Level						
336	Detected data appear Gamma Distributed at 5% Significance Level											
337												
338					Gamma Statistics on Detected Data Only							
339				k hat (MLE)	1.075				k star (bias corrected MLE)	0.878		
340				Theta hat (MLE)	458				Theta star (bias corrected MLE)	560.7		
341				nu hat (MLE)	27.95				nu star (bias corrected)	22.84		
342				Mean (detects)	492.4							
343												
344	Gamma ROS Statistics using Imputed Non-Detects											
345	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
346	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
347	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
348	This is especially true when the sample size is small.											
349	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
350				Minimum	0.01				Mean	428.5		
351				Maximum	1300				Median	280		
352				SD	397.3				CV	0.927		
353				k hat (MLE)	0.51				k star (bias corrected MLE)	0.453		
354				Theta hat (MLE)	839.5				Theta star (bias corrected MLE)	946.4		
355				nu hat (MLE)	15.31				nu star (bias corrected)	13.58		
356				Adjusted Level of Significance (β)	0.0324							
357				Approximate Chi Square Value (13.58, α)	6.286				Adjusted Chi Square Value (13.58, β)	5.685		
358				95% Gamma Approximate UCL	925.7				95% Gamma Adjusted UCL	1024		
359												
360					Estimates of Gamma Parameters using KM Estimates							
361				Mean (KM)	427.3				SD (KM)	385.1		
362				Variance (KM)	148327				SE of Mean (KM)	103.5		
363				k hat (KM)	1.231				k star (KM)	1.029		
364				nu hat (KM)	36.92				nu star (KM)	30.87		
365				theta hat (KM)	347.2				theta star (KM)	415.2		
366				80% gamma percentile (KM)	686				90% gamma percentile (KM)	976.9		
367				95% gamma percentile (KM)	1267				99% gamma percentile (KM)	1940		
368												
369	Gamma Kaplan-Meier (KM) Statistics											
370				Approximate Chi Square Value (30.87, α)	19.18				Adjusted Chi Square Value (30.87, β)	18.05		
371				95% KM Approximate Gamma UCL	687.7				95% KM Adjusted Gamma UCL	730.7		

372											
373						Lognormal GOF Test on Detected Observations Only						
374					Shapiro Wilk Test Statistic	0.858		Shapiro Wilk GOF Test			
375					10% Shapiro Wilk Critical Value	0.889		Detected Data Not Lognormal at 10% Significance Level			
376					Lilliefors Test Statistic	0.242		Lilliefors GOF Test			
377					10% Lilliefors Critical Value	0.215		Detected Data Not Lognormal at 10% Significance Level			
378						Detected Data Not Lognormal at 10% Significance Level					
379											
380						Lognormal ROS Statistics Using Imputed Non-Detects					
381					Mean in Original Scale	429.2			Mean in Log Scale	5.294	
382					SD in Original Scale	396.4			SD in Log Scale	1.606	
383					95% t UCL (assumes normality of ROS data)	609.5			95% Percentile Bootstrap UCL	595.1	
384					95% BCA Bootstrap UCL	603.4			95% Bootstrap t UCL	633.8	
385					95% H-UCL (Log ROS)	3709					
386											
387						Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution					
388					KM Mean (logged)	5.034			KM Geo Mean	153.5	
389					KM SD (logged)	2.044			95% Critical H Value (KM-Log)	4.65	
390					KM Standard Error of Mean (logged)	0.555			95% H-UCL (KM -Log)	15729	
391					KM SD (logged)	2.044			95% Critical H Value (KM-Log)	4.65	
392					KM Standard Error of Mean (logged)	0.555					
393											
394						DL/2 Statistics					
395					DL/2 Normal				DL/2 Log-Transformed		
396					Mean in Original Scale	427.4			Mean in Log Scale	5.035	
397					SD in Original Scale	398.5			SD in Log Scale	2.137	
398					95% t UCL (Assumes normality)	608.6			95% H-Stat UCL	23859	
399						DL/2 is not a recommended method, provided for comparisons and historical reasons					
400											
401						Nonparametric Distribution Free UCL Statistics					
402						Detected Data appear Normal Distributed at 1% Significance Level					
403											
404						Suggested UCL to Use					
405					95% KM (t) UCL	609.6					
406											
407						Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.					
408						Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.					
409						However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.					
410											
411	Tetrachloroethene										
412											
413						General Statistics					
414					Total Number of Observations	15			Number of Distinct Observations	13	
415					Number of Detects	10			Number of Non-Detects	5	
416					Number of Distinct Detects	10			Number of Distinct Non-Detects	3	
417					Minimum Detect	4.7			Minimum Non-Detect	41	
418					Maximum Detect	2900			Maximum Non-Detect	200	
419					Variance Detects	801403			Percent Non-Detects	33.33%	
420					Mean Detects	367.5			SD Detects	895.2	
421					Median Detects	44			CV Detects	2.436	
422					Skewness Detects	3.094			Kurtosis Detects	9.67	
423					Mean of Logged Detects	4.193			SD of Logged Detects	1.811	
424											

425	Normal GOF Test on Detects Only										
426			Shapiro Wilk Test Statistic		0.452	Shapiro Wilk GOF Test					
427			1% Shapiro Wilk Critical Value		0.781	Detected Data Not Normal at 1% Significance Level					
428			Lilliefors Test Statistic		0.43	Lilliefors GOF Test					
429			1% Lilliefors Critical Value		0.304	Detected Data Not Normal at 1% Significance Level					
430			Detected Data Not Normal at 1% Significance Level								
431											
432	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs										
433				KM Mean	253.7			KM Standard Error of Mean	193.8		
434				90KM SD	711.9			95% KM (BCA) UCL	633.1		
435				95% KM (t) UCL	595.1			95% KM (Percentile Bootstrap) UCL	619.3		
436				95% KM (z) UCL	572.5			95% KM Bootstrap t UCL	3063		
437				90% KM Chebyshev UCL	835.1			95% KM Chebyshev UCL	1098		
438				97.5% KM Chebyshev UCL	1464			99% KM Chebyshev UCL	2182		
439											
440	Gamma GOF Tests on Detected Observations Only										
441				A-D Test Statistic	0.986	Anderson-Darling GOF Test					
442				5% A-D Critical Value	0.798	Detected Data Not Gamma Distributed at 5% Significance Level					
443				K-S Test Statistic	0.25	Kolmogorov-Smirnov GOF					
444				5% K-S Critical Value	0.285	Detected data appear Gamma Distributed at 5% Significance Level					
445			Detected data follow Appr. Gamma Distribution at 5% Significance Level								
446											
447	Gamma Statistics on Detected Data Only										
448				k hat (MLE)	0.386			k star (bias corrected MLE)	0.337		
449				Theta hat (MLE)	951.4			Theta star (bias corrected MLE)	1090		
450				nu hat (MLE)	7.725			nu star (bias corrected)	6.741		
451				Mean (detects)	367.5						
452											
453	Gamma ROS Statistics using Imputed Non-Detects										
454	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
455	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
456	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
457	This is especially true when the sample size is small.										
458	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
459				Minimum	0.01			Mean	245		
460				Maximum	2900			Median	20		
461				SD	739.8			CV	3.02		
462				k hat (MLE)	0.177			k star (bias corrected MLE)	0.186		
463				Theta hat (MLE)	1385			Theta star (bias corrected MLE)	1318		
464				nu hat (MLE)	5.306			nu star (bias corrected)	5.578		
465			Adjusted Level of Significance (β)		0.0324						
466			Approximate Chi Square Value (5.58, α)		1.428			Adjusted Chi Square Value (5.58, β)	1.188		
467			95% Gamma Approximate UCL		956.9			95% Gamma Adjusted UCL	1151		
468											
469	Estimates of Gamma Parameters using KM Estimates										
470				Mean (KM)	253.7			SD (KM)	711.9		
471				Variance (KM)	506831			SE of Mean (KM)	193.8		
472				k hat (KM)	0.127			k star (KM)	0.146		
473				nu hat (KM)	3.811			nu star (KM)	4.382		
474				theta hat (KM)	1997			theta star (KM)	1737		
475			80% gamma percentile (KM)		270.1			90% gamma percentile (KM)	749.5		
476			95% gamma percentile (KM)		1404			99% gamma percentile (KM)	3312		
477											

	A	B	C	D	E	F	G	H	I	J	K	L
478	Gamma Kaplan-Meier (KM) Statistics											
479					Approximate Chi Square Value (4.38, α)	0.878			Adjusted Chi Square Value (4.38, β)			0.706
480					95% KM Approximate Gamma UCL	1266			95% KM Adjusted Gamma UCL			1575
481												
482	Lognormal GOF Test on Detected Observations Only											
483					Shapiro Wilk Test Statistic	0.955			Shapiro Wilk GOF Test			
484					10% Shapiro Wilk Critical Value	0.869			Detected Data appear Lognormal at 10% Significance Level			
485					Lilliefors Test Statistic	0.171			Lilliefors GOF Test			
486					10% Lilliefors Critical Value	0.241			Detected Data appear Lognormal at 10% Significance Level			
487	Detected Data appear Lognormal at 10% Significance Level											
488												
489	Lognormal ROS Statistics Using Imputed Non-Detects											
490					Mean in Original Scale	252.6			Mean in Log Scale			3.792
491					SD in Original Scale	737.2			SD in Log Scale			1.606
492					95% t UCL (assumes normality of ROS data)	587.9			95% Percentile Bootstrap UCL			617.4
493					95% BCA Bootstrap UCL	882.1			95% Bootstrap t UCL			3155
494					95% H-UCL (Log ROS)	826.8						
495												
496	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution											
497					KM Mean (logged)	3.793			KM Geo Mean			44.41
498					KM SD (logged)	1.582			95% Critical H Value (KM-Log)			3.764
499					KM Standard Error of Mean (logged)	0.462			95% H-UCL (KM -Log)			762.7
500					KM SD (logged)	1.582			95% Critical H Value (KM-Log)			3.764
501					KM Standard Error of Mean (logged)	0.462						
502												
503	DL/2 Statistics											
504					DL/2 Normal				DL/2 Log-Transformed			
505					Mean in Original Scale	259.1			Mean in Log Scale			3.967
506					SD in Original Scale	735.3			SD in Log Scale			1.538
507					95% t UCL (Assumes normality)	593.5			95% H-Stat UCL			784.4
508	DL/2 is not a recommended method, provided for comparisons and historical reasons											
509												
510	Nonparametric Distribution Free UCL Statistics											
511	Detected Data appear Approximate Gamma Distributed at 5% Significance Level											
512												
513	Suggested UCL to Use											
514					95% KM Adjusted Gamma UCL	1575						
515												
516	The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.											
517	Please verify the data were collected from random locations.											
518	If the data were collected using judgmental or other non-random methods,											
519	then contact a statistician to correctly calculate UCLs.											
520												
521	When a data set follows an approximate distribution passing only one of the GOF tests,											
522	it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL											
523												
524	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
525	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
526	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
527												
528	Acetone											
529												
530	General Statistics											

531			Total Number of Observations		15			Number of Distinct Observations			9
532			Number of Detects		5			Number of Non-Detects			10
533			Number of Distinct Detects		5			Number of Distinct Non-Detects			4
534			Minimum Detect		14			Minimum Non-Detect			24
535			Maximum Detect		100			Maximum Non-Detect			360
536			Variance Detects		1017			Percent Non-Detects			66.67%
537			Mean Detects		53			SD Detects			31.89
538			Median Detects		52			CV Detects			0.602
539			Skewness Detects		0.528			Kurtosis Detects			0.78
540			Mean of Logged Detects		3.787			SD of Logged Detects			0.735
541											
542					Normal GOF Test on Detects Only						
543			Shapiro Wilk Test Statistic		0.981			Shapiro Wilk GOF Test			
544			1% Shapiro Wilk Critical Value		0.686			Detected Data appear Normal at 1% Significance Level			
545			Lilliefors Test Statistic		0.189			Lilliefors GOF Test			
546			1% Lilliefors Critical Value		0.396			Detected Data appear Normal at 1% Significance Level			
547					Detected Data appear Normal at 1% Significance Level						
548					Note GOF tests may be unreliable for small sample sizes						
549											
550					Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs						
551				KM Mean	40.74			KM Standard Error of Mean			10.45
552				90KM SD	25.37			95% KM (BCA) UCL			60
553				95% KM (t) UCL	59.14			95% KM (Percentile Bootstrap) UCL			58.4
554				95% KM (z) UCL	57.92			95% KM Bootstrap t UCL			58.86
555				90% KM Chebyshev UCL	72.08			95% KM Chebyshev UCL			86.27
556				97.5% KM Chebyshev UCL	106			99% KM Chebyshev UCL			144.7
557											
558					Gamma GOF Tests on Detected Observations Only						
559				A-D Test Statistic	0.207			Anderson-Darling GOF Test			
560				5% A-D Critical Value	0.683			Detected data appear Gamma Distributed at 5% Significance Level			
561				K-S Test Statistic	0.166			Kolmogorov-Smirnov GOF			
562				5% K-S Critical Value	0.36			Detected data appear Gamma Distributed at 5% Significance Level			
563					Detected data appear Gamma Distributed at 5% Significance Level						
564					Note GOF tests may be unreliable for small sample sizes						
565											
566					Gamma Statistics on Detected Data Only						
567				k hat (MLE)	2.879			k star (bias corrected MLE)			1.285
568				Theta hat (MLE)	18.41			Theta star (bias corrected MLE)			41.24
569				nu hat (MLE)	28.79			nu star (bias corrected)			12.85
570				Mean (detects)	53						
571											
572					Gamma ROS Statistics using Imputed Non-Detects						
573					GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs						
574					GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)						
575					For such situations, GROS method may yield incorrect values of UCLs and BTVs						
576					This is especially true when the sample size is small.						
577					For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates						
578				Minimum	12.44			Mean			40.47
579				Maximum	100			Median			36.72
580				SD	23.17			CV			0.572
581				k hat (MLE)	3.381			k star (bias corrected MLE)			2.749
582				Theta hat (MLE)	11.97			Theta star (bias corrected MLE)			14.72
583				nu hat (MLE)	101.4			nu star (bias corrected)			82.47

584				Adjusted Level of Significance (β)	0.0324							
585				Approximate Chi Square Value (82.47, α)	62.54				Adjusted Chi Square Value (82.47, β)			60.4
586				95% Gamma Approximate UCL	53.37				95% Gamma Adjusted UCL			55.25
587												
588					Estimates of Gamma Parameters using KM Estimates							
589					Mean (KM)	40.74				SD (KM)		25.37
590					Variance (KM)	643.6				SE of Mean (KM)		10.45
591					k hat (KM)	2.579				k star (KM)		2.107
592					nu hat (KM)	77.36				nu star (KM)		63.22
593					theta hat (KM)	15.8				theta star (KM)		19.33
594					80% gamma percentile (KM)	60.62				90% gamma percentile (KM)		78.27
595					95% gamma percentile (KM)	95.05				99% gamma percentile (KM)		132.2
596												
597					Gamma Kaplan-Meier (KM) Statistics							
598				Approximate Chi Square Value (63.22, α)	45.93				Adjusted Chi Square Value (63.22, β)			44.12
599				95% KM Approximate Gamma UCL	56.07				95% KM Adjusted Gamma UCL			58.38
600												
601					Lognormal GOF Test on Detected Observations Only							
602				Shapiro Wilk Test Statistic	0.948				Shapiro Wilk GOF Test			
603				10% Shapiro Wilk Critical Value	0.806				Detected Data appear Lognormal at 10% Significance Level			
604				Lilliefors Test Statistic	0.205				Lilliefors GOF Test			
605				10% Lilliefors Critical Value	0.319				Detected Data appear Lognormal at 10% Significance Level			
606					Detected Data appear Lognormal at 10% Significance Level							
607					Note GOF tests may be unreliable for small sample sizes							
608												
609					Lognormal ROS Statistics Using Imputed Non-Detects							
610					Mean in Original Scale	38.78				Mean in Log Scale		3.502
611					SD in Original Scale	23.15				SD in Log Scale		0.581
612				95% t UCL (assumes normality of ROS data)	49.31				95% Percentile Bootstrap UCL			49.14
613					95% BCA Bootstrap UCL	50.3				95% Bootstrap t UCL		52.9
614					95% H-UCL (Log ROS)	54.91						
615												
616					Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
617					KM Mean (logged)	3.487				KM Geo Mean		32.68
618					KM SD (logged)	0.693				95% Critical H Value (KM-Log)		2.297
619				KM Standard Error of Mean (logged)	0.311				95% H-UCL (KM -Log)			63.55
620					KM SD (logged)	0.693				95% Critical H Value (KM-Log)		2.297
621				KM Standard Error of Mean (logged)	0.311							
622												
623						DL/2 Statistics						
624				DL/2 Normal					DL/2 Log-Transformed			
625					Mean in Original Scale	53.03				Mean in Log Scale		3.74
626					SD in Original Scale	42.59				SD in Log Scale		0.689
627				95% t UCL (Assumes normality)	72.4				95% H-Stat UCL			81.34
628					DL/2 is not a recommended method, provided for comparisons and historical reasons							
629												
630					Nonparametric Distribution Free UCL Statistics							
631					Detected Data appear Normal Distributed at 1% Significance Level							
632												
633						Suggested UCL to Use						
634					95% KM (t) UCL	59.14						
635												
636	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											

	A	B	C	D	E	F	G	H	I	J	K	L
637	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
638	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
639												
640	Carbon Disulfide											
641												
642	General Statistics											
643				Total Number of Observations		15			Number of Distinct Observations			15
644				Number of Detects		12			Number of Non-Detects			3
645				Number of Distinct Detects		12			Number of Distinct Non-Detects			3
646				Minimum Detect		3.8			Minimum Non-Detect			12
647				Maximum Detect		280			Maximum Non-Detect			93
648				Variance Detects		6971			Percent Non-Detects			20%
649				Mean Detects		86.58			SD Detects			83.49
650				Median Detects		69			CV Detects			0.964
651				Skewness Detects		1.33			Kurtosis Detects			1.365
652				Mean of Logged Detects		3.891			SD of Logged Detects			1.299
653												
654	Normal GOF Test on Detects Only											
655				Shapiro Wilk Test Statistic		0.858			Shapiro Wilk GOF Test			
656				1% Shapiro Wilk Critical Value		0.805			Detected Data appear Normal at 1% Significance Level			
657				Lilliefors Test Statistic		0.277			Lilliefors GOF Test			
658				1% Lilliefors Critical Value		0.281			Detected Data appear Normal at 1% Significance Level			
659	Detected Data appear Normal at 1% Significance Level											
660												
661	Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs											
662				KM Mean		72.76			KM Standard Error of Mean			20.99
663				90KM SD		77.36			95% KM (BCA) UCL			108.5
664				95% KM (t) UCL		109.7			95% KM (Percentile Bootstrap) UCL			107.6
665				95% KM (z) UCL		107.3			95% KM Bootstrap t UCL			128.8
666				90% KM Chebyshev UCL		135.7			95% KM Chebyshev UCL			164.2
667				97.5% KM Chebyshev UCL		203.8			99% KM Chebyshev UCL			281.6
668												
669	Gamma GOF Tests on Detected Observations Only											
670				A-D Test Statistic		0.211			Anderson-Darling GOF Test			
671				5% A-D Critical Value		0.756			Detected data appear Gamma Distributed at 5% Significance Level			
672				K-S Test Statistic		0.143			Kolmogorov-Smirnov GOF			
673				5% K-S Critical Value		0.252			Detected data appear Gamma Distributed at 5% Significance Level			
674	Detected data appear Gamma Distributed at 5% Significance Level											
675												
676	Gamma Statistics on Detected Data Only											
677				k hat (MLE)		1.012			k star (bias corrected MLE)			0.814
678				Theta hat (MLE)		85.57			Theta star (bias corrected MLE)			106.3
679				nu hat (MLE)		24.28			nu star (bias corrected)			19.54
680				Mean (detects)		86.58						
681												
682	Gamma ROS Statistics using Imputed Non-Detects											
683	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
684	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
685	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
686	This is especially true when the sample size is small.											
687	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
688				Minimum		0.01			Mean			71.43
689				Maximum		280			Median			53

690					SD	80.64					CV	1.129
691					k hat (MLE)	0.526					k star (bias corrected MLE)	0.466
692					Theta hat (MLE)	135.7					Theta star (bias corrected MLE)	153.4
693					nu hat (MLE)	15.79					nu star (bias corrected)	13.97
694					Adjusted Level of Significance (β)	0.0324						
695					Approximate Chi Square Value (13.97, α)	6.548					Adjusted Chi Square Value (13.97, β)	5.932
696					95% Gamma Approximate UCL	152.4					95% Gamma Adjusted UCL	168.2
697												
698					Estimates of Gamma Parameters using KM Estimates							
699					Mean (KM)	72.76					SD (KM)	77.36
700					Variance (KM)	5985					SE of Mean (KM)	20.99
701					k hat (KM)	0.884					k star (KM)	0.752
702					nu hat (KM)	26.53					nu star (KM)	22.56
703					theta hat (KM)	82.26					theta star (KM)	96.75
704					80% gamma percentile (KM)	119.3					90% gamma percentile (KM)	179.6
705					95% gamma percentile (KM)	241.3					99% gamma percentile (KM)	387.9
706												
707					Gamma Kaplan-Meier (KM) Statistics							
708					Approximate Chi Square Value (22.56, α)	12.76					Adjusted Chi Square Value (22.56, β)	11.86
709					95% KM Approximate Gamma UCL	128.6					95% KM Adjusted Gamma UCL	138.4
710												
711					Lognormal GOF Test on Detected Observations Only							
712					Shapiro Wilk Test Statistic	0.935					Shapiro Wilk GOF Test	
713					10% Shapiro Wilk Critical Value	0.883					Detected Data appear Lognormal at 10% Significance Level	
714					Lilliefors Test Statistic	0.191					Lilliefors GOF Test	
715					10% Lilliefors Critical Value	0.223					Detected Data appear Lognormal at 10% Significance Level	
716					Detected Data appear Lognormal at 10% Significance Level							
717												
718					Lognormal ROS Statistics Using Imputed Non-Detects							
719					Mean in Original Scale	72.06					Mean in Log Scale	3.612
720					SD in Original Scale	79.96					SD in Log Scale	1.311
721					95% t UCL (assumes normality of ROS data)	108.4					95% Percentile Bootstrap UCL	106.9
722					95% BCA Bootstrap UCL	112.6					95% Bootstrap t UCL	129.4
723					95% H-UCL (Log ROS)	275.3						
724												
725					Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
726					KM Mean (logged)	3.562					KM Geo Mean	35.22
727					KM SD (logged)	1.369					95% Critical H Value (KM-Log)	3.373
728					KM Standard Error of Mean (logged)	0.384					95% H-UCL (KM -Log)	309
729					KM SD (logged)	1.369					95% Critical H Value (KM-Log)	3.373
730					KM Standard Error of Mean (logged)	0.384						
731												
732					DL/2 Statistics							
733					DL/2 Normal						DL/2 Log-Transformed	
734					Mean in Original Scale	73.39					Mean in Log Scale	3.638
735					SD in Original Scale	79.33					SD in Log Scale	1.328
736					95% t UCL (Assumes normality)	109.5					95% H-Stat UCL	296.7
737					DL/2 is not a recommended method, provided for comparisons and historical reasons							
738												
739					Nonparametric Distribution Free UCL Statistics							
740					Detected Data appear Normal Distributed at 1% Significance Level							
741												
742					Suggested UCL to Use							

				95% KM (t) UCL	109.7						
			Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.								
			Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.								
			However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.								
4-Ethyltoluene											
					General Statistics						
			Total Number of Observations	15			Number of Distinct Observations	14			
			Number of Detects	8			Number of Non-Detects	7			
			Number of Distinct Detects	8			Number of Distinct Non-Detects	6			
			Minimum Detect	4.5			Minimum Non-Detect	1.5			
			Maximum Detect	110			Maximum Non-Detect	150			
			Variance Detects	1201			Percent Non-Detects	46.67%			
			Mean Detects	41.56			SD Detects	34.65			
			Median Detects	36.5			CV Detects	0.834			
			Skewness Detects	1.073			Kurtosis Detects	1.147			
			Mean of Logged Detects	3.334			SD of Logged Detects	1.053			
					Normal GOF Test on Detects Only						
			Shapiro Wilk Test Statistic	0.908			Shapiro Wilk GOF Test				
			1% Shapiro Wilk Critical Value	0.749			Detected Data appear Normal at 1% Significance Level				
			Lilliefors Test Statistic	0.177			Lilliefors GOF Test				
			1% Lilliefors Critical Value	0.333			Detected Data appear Normal at 1% Significance Level				
					Detected Data appear Normal at 1% Significance Level						
					Note GOF tests may be unreliable for small sample sizes						
					Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs						
				KM Mean	26.86			KM Standard Error of Mean	8.989		
				90KM SD	30.72			95% KM (BCA) UCL	41.41		
				95% KM (t) UCL	42.69			95% KM (Percentile Bootstrap) UCL	41.35		
				95% KM (z) UCL	41.65			95% KM Bootstrap t UCL	47.48		
				90% KM Chebyshev UCL	53.83			95% KM Chebyshev UCL	66.04		
				97.5% KM Chebyshev UCL	83			99% KM Chebyshev UCL	116.3		
					Gamma GOF Tests on Detected Observations Only						
				A-D Test Statistic	0.21			Anderson-Darling GOF Test			
				5% A-D Critical Value	0.73			Detected data appear Gamma Distributed at 5% Significance Level			
				K-S Test Statistic	0.172			Kolmogorov-Smirnov GOF			
				5% K-S Critical Value	0.299			Detected data appear Gamma Distributed at 5% Significance Level			
					Detected data appear Gamma Distributed at 5% Significance Level						
					Note GOF tests may be unreliable for small sample sizes						
					Gamma Statistics on Detected Data Only						
				k hat (MLE)	1.416			k star (bias corrected MLE)	0.969		
				Theta hat (MLE)	29.34			Theta star (bias corrected MLE)	42.91		
				nu hat (MLE)	22.66			nu star (bias corrected)	15.5		
				Mean (detects)	41.56						
					Gamma ROS Statistics using Imputed Non-Detects						
					GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs						
					GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)						

796	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
797	This is especially true when the sample size is small.											
798	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
799					Minimum	0.01				Mean	24.83	
800					Maximum	110				Median	12.89	
801					SD	31.03				CV	1.25	
802					k hat (MLE)	0.37				k star (bias corrected MLE)	0.34	
803					Theta hat (MLE)	67.09				Theta star (bias corrected MLE)	72.92	
804					nu hat (MLE)	11.1				nu star (bias corrected)	10.21	
805					Adjusted Level of Significance (β)	0.0324						
806					Approximate Chi Square Value (10.21, α)	4.077				Adjusted Chi Square Value (10.21, β)	3.611	
807					95% Gamma Approximate UCL	62.21				95% Gamma Adjusted UCL	70.23	
808												
809	Estimates of Gamma Parameters using KM Estimates											
810					Mean (KM)	26.86				SD (KM)	30.72	
811					Variance (KM)	943.7				SE of Mean (KM)	8.989	
812					k hat (KM)	0.765				k star (KM)	0.656	
813					nu hat (KM)	22.94				nu star (KM)	19.68	
814					theta hat (KM)	35.13				theta star (KM)	40.94	
815					80% gamma percentile (KM)	44.23				90% gamma percentile (KM)	68.45	
816					95% gamma percentile (KM)	93.59				99% gamma percentile (KM)	153.9	
817												
818	Gamma Kaplan-Meier (KM) Statistics											
819					Approximate Chi Square Value (19.68, α)	10.62				Adjusted Chi Square Value (19.68, β)	9.806	
820					95% KM Approximate Gamma UCL	49.8				95% KM Adjusted Gamma UCL	53.92	
821												
822	Lognormal GOF Test on Detected Observations Only											
823					Shapiro Wilk Test Statistic	0.951				Shapiro Wilk GOF Test		
824					10% Shapiro Wilk Critical Value	0.851				Detected Data appear Lognormal at 10% Significance Level		
825					Lilliefors Test Statistic	0.219				Lilliefors GOF Test		
826					10% Lilliefors Critical Value	0.265				Detected Data appear Lognormal at 10% Significance Level		
827	Detected Data appear Lognormal at 10% Significance Level											
828	Note GOF tests may be unreliable for small sample sizes											
829												
830	Lognormal ROS Statistics Using Imputed Non-Detects											
831					Mean in Original Scale	25.51				Mean in Log Scale	2.612	
832					SD in Original Scale	30.39				SD in Log Scale	1.18	
833					95% t UCL (assumes normality of ROS data)	39.33				95% Percentile Bootstrap UCL	39.32	
834					95% BCA Bootstrap UCL	42.25				95% Bootstrap t UCL	46.53	
835					95% H-UCL (Log ROS)	71.3						
836												
837	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution											
838					KM Mean (logged)	2.443				KM Geo Mean	11.51	
839					KM SD (logged)	1.461				95% Critical H Value (KM-Log)	3.54	
840					KM Standard Error of Mean (logged)	0.465				95% H-UCL (KM -Log)	133.3	
841					KM SD (logged)	1.461				95% Critical H Value (KM-Log)	3.54	
842					KM Standard Error of Mean (logged)	0.465						
843												
844	DL/2 Statistics											
845					DL/2 Normal					DL/2 Log-Transformed		
846					Mean in Original Scale	32.28				Mean in Log Scale	2.784	
847					SD in Original Scale	31.73				SD in Log Scale	1.497	
848					95% t UCL (Assumes normality)	46.71				95% H-Stat UCL	209.9	

	A	B	C	D	E	F	G	H	I	J	K	L
849				DL/2 is not a recommended method, provided for comparisons and historical reasons								
850												
851					Nonparametric Distribution Free UCL Statistics							
852					Detected Data appear Normal Distributed at 1% Significance Level							
853												
854						Suggested UCL to Use						
855					95% KM (t) UCL	42.69						
856												
857					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
858					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
859					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
860												
861	Hexane											
862												
863						General Statistics						
864					Total Number of Observations	15			Number of Distinct Observations	15		
865					Number of Detects	14			Number of Non-Detects	1		
866					Number of Distinct Detects	14			Number of Distinct Non-Detects	1		
867					Minimum Detect	2.7			Minimum Non-Detect	110		
868					Maximum Detect	710			Maximum Non-Detect	110		
869					Variance Detects	43406			Percent Non-Detects	6.667%		
870					Mean Detects	136.4			SD Detects	208.3		
871					Median Detects	48.5			CV Detects	1.528		
872					Skewness Detects	2.237			Kurtosis Detects	4.412		
873					Mean of Logged Detects	3.988			SD of Logged Detects	1.485		
874												
875						Normal GOF Test on Detects Only						
876					Shapiro Wilk Test Statistic	0.641			Shapiro Wilk GOF Test			
877					1% Shapiro Wilk Critical Value	0.825			Detected Data Not Normal at 1% Significance Level			
878					Lilliefors Test Statistic	0.331			Lilliefors GOF Test			
879					1% Lilliefors Critical Value	0.263			Detected Data Not Normal at 1% Significance Level			
880					Detected Data Not Normal at 1% Significance Level							
881												
882					Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs							
883					KM Mean	129.3			KM Standard Error of Mean	52.47		
884					90KM SD	195.8			95% KM (BCA) UCL	228.4		
885					95% KM (t) UCL	221.8			95% KM (Percentile Bootstrap) UCL	221.9		
886					95% KM (z) UCL	215.7			95% KM Bootstrap t UCL	455.6		
887					90% KM Chebyshev UCL	286.8			95% KM Chebyshev UCL	358.1		
888					97.5% KM Chebyshev UCL	457.1			99% KM Chebyshev UCL	651.5		
889												
890						Gamma GOF Tests on Detected Observations Only						
891					A-D Test Statistic	0.556			Anderson-Darling GOF Test			
892					5% A-D Critical Value	0.779			Detected data appear Gamma Distributed at 5% Significance Level			
893					K-S Test Statistic	0.216			Kolmogorov-Smirnov GOF			
894					5% K-S Critical Value	0.239			Detected data appear Gamma Distributed at 5% Significance Level			
895					Detected data appear Gamma Distributed at 5% Significance Level							
896												
897						Gamma Statistics on Detected Data Only						
898					k hat (MLE)	0.657			k star (bias corrected MLE)	0.564		
899					Theta hat (MLE)	207.5			Theta star (bias corrected MLE)	241.8		
900					nu hat (MLE)	18.4			nu star (bias corrected)	15.79		
901					Mean (detects)	136.4						

902											
903						Gamma ROS Statistics using Imputed Non-Detects						
904						GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs						
905						GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)						
906						For such situations, GROS method may yield incorrect values of UCLs and BTVs						
907						This is especially true when the sample size is small.						
908						For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates						
909						Minimum	2.7			Mean	127.6	
910						Maximum	710			Median	45	
911						SD	203.6			CV	1.596	
912						k hat (MLE)	0.602			k star (bias corrected MLE)	0.526	
913						Theta hat (MLE)	211.9			Theta star (bias corrected MLE)	242.5	
914						nu hat (MLE)	18.07			nu star (bias corrected)	15.79	
915						Adjusted Level of Significance (β)	0.0324					
916						Approximate Chi Square Value (15.79, α)	7.812			Adjusted Chi Square Value (15.79, β)	7.13	
917						95% Gamma Approximate UCL	257.8			95% Gamma Adjusted UCL	282.5	
918												
919						Estimates of Gamma Parameters using KM Estimates						
920						Mean (KM)	129.3			SD (KM)	195.8	
921						Variance (KM)	38330			SE of Mean (KM)	52.47	
922						k hat (KM)	0.436			k star (KM)	0.394	
923						nu hat (KM)	13.09			nu star (KM)	11.81	
924						theta hat (KM)	296.3			theta star (KM)	328.6	
925						80% gamma percentile (KM)	208.4			90% gamma percentile (KM)	366.4	
926						95% gamma percentile (KM)	540.4			99% gamma percentile (KM)	978.8	
927												
928						Gamma Kaplan-Meier (KM) Statistics						
929						Approximate Chi Square Value (11.81, α)	5.102			Adjusted Chi Square Value (11.81, β)	4.57	
930						95% KM Approximate Gamma UCL	299.4			95% KM Adjusted Gamma UCL	334.3	
931												
932						Lognormal GOF Test on Detected Observations Only						
933						Shapiro Wilk Test Statistic	0.977			Shapiro Wilk GOF Test		
934						10% Shapiro Wilk Critical Value	0.895			Detected Data appear Lognormal at 10% Significance Level		
935						Lilliefors Test Statistic	0.128			Lilliefors GOF Test		
936						10% Lilliefors Critical Value	0.208			Detected Data appear Lognormal at 10% Significance Level		
937						Detected Data appear Lognormal at 10% Significance Level						
938												
939						Lognormal ROS Statistics Using Imputed Non-Detects						
940						Mean in Original Scale	129			Mean in Log Scale	3.937	
941						SD in Original Scale	202.8			SD in Log Scale	1.444	
942						95% t UCL (assumes normality of ROS data)	221.2			95% Percentile Bootstrap UCL	217.3	
943						95% BCA Bootstrap UCL	256.5			95% Bootstrap t UCL	446.3	
944						95% H-UCL (Log ROS)	563.3					
945												
946						Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution						
947						KM Mean (logged)	3.931			KM Geo Mean	50.95	
948						KM SD (logged)	1.419			95% Critical H Value (KM-Log)	3.463	
949						KM Standard Error of Mean (logged)	0.386			95% H-UCL (KM -Log)	518.3	
950						KM SD (logged)	1.419			95% Critical H Value (KM-Log)	3.463	
951						KM Standard Error of Mean (logged)	0.386					
952												
953						DL/2 Statistics						
954						DL/2 Normal				DL/2 Log-Transformed		

955				Mean in Original Scale	130.9					Mean in Log Scale	3.989	
956				SD in Original Scale	201.9					SD in Log Scale	1.431	
957				95% t UCL (Assumes normality)	222.7					95% H-Stat UCL	569.4	
958				DL/2 is not a recommended method, provided for comparisons and historical reasons								
959												
960				Nonparametric Distribution Free UCL Statistics								
961				Detected Data appear Gamma Distributed at 5% Significance Level								
962												
963				Suggested UCL to Use								
964				95% KM Adjusted Gamma UCL	334.3							
965												
966				The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.								
967				Please verify the data were collected from random locations.								
968				If the data were collected using judgmental or other non-random methods,								
969				then contact a statistician to correctly calculate UCLs.								
970												
971				Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.								
972				Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.								
973				However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.								
974												
975	Freon 12											
976												
977				General Statistics								
978				Total Number of Observations	15					Number of Distinct Observations	9	
979				Number of Detects	4					Number of Non-Detects	11	
980				Number of Distinct Detects	4					Number of Distinct Non-Detects	5	
981				Minimum Detect	2.5					Minimum Non-Detect	9.9	
982				Maximum Detect	3.6					Maximum Non-Detect	150	
983				Variance Detects	0.209					Percent Non-Detects	73.33%	
984				Mean Detects	3.075					SD Detects	0.457	
985				Median Detects	3.1					CV Detects	0.149	
986				Skewness Detects	-0.306					Kurtosis Detects	0.638	
987				Mean of Logged Detects	1.115					SD of Logged Detects	0.152	
988												
989				Normal GOF Test on Detects Only								
990				Shapiro Wilk Test Statistic	0.993					Shapiro Wilk GOF Test		
991				1% Shapiro Wilk Critical Value	0.687					Detected Data appear Normal at 1% Significance Level		
992				Lilliefors Test Statistic	0.185					Lilliefors GOF Test		
993				1% Lilliefors Critical Value	0.413					Detected Data appear Normal at 1% Significance Level		
994				Detected Data appear Normal at 1% Significance Level								
995				Note GOF tests may be unreliable for small sample sizes								
996												
997				Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs								
998				KM Mean	3.075					KM Standard Error of Mean	0.229	
999				90KM SD	0.396					95% KM (BCA) UCL	N/A	
1000				95% KM (t) UCL	3.478					95% KM (Percentile Bootstrap) UCL	N/A	
1001				95% KM (z) UCL	3.451					95% KM Bootstrap t UCL	N/A	
1002				90% KM Chebyshev UCL	3.761					95% KM Chebyshev UCL	4.072	
1003				97.5% KM Chebyshev UCL	4.503					99% KM Chebyshev UCL	5.35	
1004												
1005				Gamma GOF Tests on Detected Observations Only								
1006				A-D Test Statistic	0.22					Anderson-Darling GOF Test		
1007				5% A-D Critical Value	0.656					Detected data appear Gamma Distributed at 5% Significance Level		

				K-S Test Statistic	0.193	Kolmogorov-Smirnov GOF					
				5% K-S Critical Value	0.394	Detected data appear Gamma Distributed at 5% Significance Level					
				Detected data appear Gamma Distributed at 5% Significance Level							
				Note GOF tests may be unreliable for small sample sizes							
				Gamma Statistics on Detected Data Only							
				k hat (MLE)	58.59			k star (bias corrected MLE)	14.81		
				Theta hat (MLE)	0.0525			Theta star (bias corrected MLE)	0.208		
				nu hat (MLE)	468.7			nu star (bias corrected)	118.5		
				Mean (detects)	3.075						
				Gamma ROS Statistics using Imputed Non-Detects							
				GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs							
				GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)							
				For such situations, GROS method may yield incorrect values of UCLs and BTVs							
				This is especially true when the sample size is small.							
				For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates							
				Minimum	2.375			Mean	3.074		
				Maximum	3.827			Median	3.064		
				SD	0.39			CV	0.127		
				k hat (MLE)	65.79			k star (bias corrected MLE)	52.67		
				Theta hat (MLE)	0.0467			Theta star (bias corrected MLE)	0.0584		
				nu hat (MLE)	1974			nu star (bias corrected)	1580		
				Adjusted Level of Significance (β)	0.0324						
				Approximate Chi Square Value (N/A, α)	1489			Adjusted Chi Square Value (N/A, β)	1478		
				95% Gamma Approximate UCL	3.263			95% Gamma Adjusted UCL	N/A		
				Estimates of Gamma Parameters using KM Estimates							
				Mean (KM)	3.075			SD (KM)	0.396		
				Variance (KM)	0.157			SE of Mean (KM)	0.229		
				k hat (KM)	60.27			k star (KM)	48.26		
				nu hat (KM)	1808			nu star (KM)	1448		
				theta hat (KM)	0.051			theta star (KM)	0.0637		
				80% gamma percentile (KM)	3.44			90% gamma percentile (KM)	3.654		
				95% gamma percentile (KM)	3.837			99% gamma percentile (KM)	4.197		
				Gamma Kaplan-Meier (KM) Statistics							
				Approximate Chi Square Value (N/A, α)	1361			Adjusted Chi Square Value (N/A, β)	1350		
				95% KM Approximate Gamma UCL	3.272			95% KM Adjusted Gamma UCL	3.298		
				Lognormal GOF Test on Detected Observations Only							
				Shapiro Wilk Test Statistic	0.982	Shapiro Wilk GOF Test					
				10% Shapiro Wilk Critical Value	0.792	Detected Data appear Lognormal at 10% Significance Level					
				Lilliefors Test Statistic	0.208	Lilliefors GOF Test					
				10% Lilliefors Critical Value	0.346	Detected Data appear Lognormal at 10% Significance Level					
				Detected Data appear Lognormal at 10% Significance Level							
				Note GOF tests may be unreliable for small sample sizes							
				Lognormal ROS Statistics Using Imputed Non-Detects							
				Mean in Original Scale	3.073			Mean in Log Scale	1.115		
				SD in Original Scale	0.396			SD in Log Scale	0.129		
				95% t UCL (assumes normality of ROS data)	3.253			95% Percentile Bootstrap UCL	3.236		
				95% BCA Bootstrap UCL	3.235			95% Bootstrap t UCL	3.256		

				95% H-UCL (Log ROS)	3.268						
				Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution							
				KM Mean (logged)	1.115			KM Geo Mean	3.049		
				KM SD (logged)	0.132			95% Critical H Value (KM-Log)	1.767		
				KM Standard Error of Mean (logged)	0.0762			95% H-UCL (KM -Log)	3.273		
				KM SD (logged)	0.132			95% Critical H Value (KM-Log)	1.767		
				KM Standard Error of Mean (logged)	0.0762						
				Note: KM UCLs may be biased low with this dataset. Other substitution method recommended							
				DL/2 Statistics							
				DL/2 Normal				DL/2 Log-Transformed			
				Mean in Original Scale	16.25			Mean in Log Scale	2.346		
				SD in Original Scale	18.44			SD in Log Scale	0.967		
				95% t UCL (Assumes normality)	24.64			95% H-Stat UCL	33.47		
				DL/2 is not a recommended method, provided for comparisons and historical reasons							
				Nonparametric Distribution Free UCL Statistics							
				Detected Data appear Normal Distributed at 1% Significance Level							
				Suggested UCL to Use							
				95% KM (t) UCL	3.478						
				Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
				Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
				However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
Methylene Chloride											
				General Statistics							
				Total Number of Observations	15			Number of Distinct Observations	8		
				Number of Detects	4			Number of Non-Detects	11		
				Number of Distinct Detects	3			Number of Distinct Non-Detects	5		
				Minimum Detect	2.5			Minimum Non-Detect	6.9		
				Maximum Detect	3.3			Maximum Non-Detect	100		
				Variance Detects	0.12			Percent Non-Detects	73.33%		
				Mean Detects	3			SD Detects	0.346		
				Median Detects	3.1			CV Detects	0.115		
				Skewness Detects	-1.54			Kurtosis Detects	2.889		
				Mean of Logged Detects	1.093			SD of Logged Detects	0.122		
				Normal GOF Test on Detects Only							
				Shapiro Wilk Test Statistic	0.84			Shapiro Wilk GOF Test			
				1% Shapiro Wilk Critical Value	0.687			Detected Data appear Normal at 1% Significance Level			
				Lilliefors Test Statistic	0.364			Lilliefors GOF Test			
				1% Lilliefors Critical Value	0.413			Detected Data appear Normal at 1% Significance Level			
				Detected Data appear Normal at 1% Significance Level							
				Note GOF tests may be unreliable for small sample sizes							
				Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs							
				KM Mean	3			KM Standard Error of Mean	0.173		
				90KM SD	0.3			95% KM (BCA) UCL	N/A		
				95% KM (t) UCL	3.305			95% KM (Percentile Bootstrap) UCL	N/A		

95% KM (z) UCL	3.285						95% KM Bootstrap t UCL	N/A			
90% KM Chebyshev UCL	3.52						95% KM Chebyshev UCL	3.755			
97.5% KM Chebyshev UCL	4.082						99% KM Chebyshev UCL	4.723			
Gamma GOF Tests on Detected Observations Only											
A-D Test Statistic	0.547	Anderson-Darling GOF Test									
5% A-D Critical Value	0.656	Detected data appear Gamma Distributed at 5% Significance Level									
K-S Test Statistic	0.388	Kolmogorov-Smirnov GOF									
5% K-S Critical Value	0.394	Detected data appear Gamma Distributed at 5% Significance Level									
Detected data appear Gamma Distributed at 5% Significance Level											
Note GOF tests may be unreliable for small sample sizes											
Gamma Statistics on Detected Data Only											
k hat (MLE)	93.49	k star (bias corrected MLE)	23.54								
Theta hat (MLE)	0.0321	Theta star (bias corrected MLE)	0.127								
nu hat (MLE)	747.9	nu star (bias corrected)	188.3								
Mean (detects)	3										
Gamma ROS Statistics using Imputed Non-Detects											
GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
For such situations, GROS method may yield incorrect values of UCLs and BTVs											
This is especially true when the sample size is small.											
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
Minimum	2.5	Mean	3								
Maximum	3.512	Median	2.994								
SD	0.276	CV	0.0919								
k hat (MLE)	123.6	k star (bias corrected MLE)	98.92								
Theta hat (MLE)	0.0243	Theta star (bias corrected MLE)	0.0303								
nu hat (MLE)	3708	nu star (bias corrected)	2968								
Adjusted Level of Significance (β)	0.0324										
Approximate Chi Square Value (N/A, α)	2842	Adjusted Chi Square Value (N/A, β)	2827								
95% Gamma Approximate UCL	3.132	95% Gamma Adjusted UCL	N/A								
Estimates of Gamma Parameters using KM Estimates											
Mean (KM)	3	SD (KM)	0.3								
Variance (KM)	0.09	SE of Mean (KM)	0.173								
k hat (KM)	100	k star (KM)	80.04								
nu hat (KM)	3000	nu star (KM)	2401								
theta hat (KM)	0.03	theta star (KM)	0.0375								
80% gamma percentile (KM)	3.278	90% gamma percentile (KM)	3.437								
95% gamma percentile (KM)	3.572	99% gamma percentile (KM)	3.835								
Gamma Kaplan-Meier (KM) Statistics											
Approximate Chi Square Value (N/A, α)	2288	Adjusted Chi Square Value (N/A, β)	2275								
95% KM Approximate Gamma UCL	3.148	95% KM Adjusted Gamma UCL	3.167								
Lognormal GOF Test on Detected Observations Only											
Shapiro Wilk Test Statistic	0.821	Shapiro Wilk GOF Test									
10% Shapiro Wilk Critical Value	0.792	Detected Data appear Lognormal at 10% Significance Level									
Lilliefors Test Statistic	0.373	Lilliefors GOF Test									
10% Lilliefors Critical Value	0.346	Detected Data Not Lognormal at 10% Significance Level									
Detected Data appear Approximate Lognormal at 10% Significance Level											

					Note GOF tests may be unreliable for small sample sizes						
					Lognormal ROS Statistics Using Imputed Non-Detects						
			Mean in Original Scale	2.997				Mean in Log Scale	1.093		
			SD in Original Scale	0.285				SD in Log Scale	0.0965		
		95% t UCL (assumes normality of ROS data)		3.126				95% Percentile Bootstrap UCL	3.115		
			95% BCA Bootstrap UCL	3.11				95% Bootstrap t UCL	3.121		
			95% H-UCL (Log ROS)	N/A							
					Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution						
			KM Mean (logged)	1.093				KM Geo Mean	2.984		
			KM SD (logged)	0.105				95% Critical H Value (KM-Log)	1.752		
		KM Standard Error of Mean (logged)		0.0608				95% H-UCL (KM -Log)	3.152		
			KM SD (logged)	0.105				95% Critical H Value (KM-Log)	1.752		
		KM Standard Error of Mean (logged)		0.0608							
					Note: KM UCLs may be biased low with this dataset. Other substitution method recommended						
					DL/2 Statistics						
			DL/2 Normal					DL/2 Log-Transformed			
			Mean in Original Scale	11.43				Mean in Log Scale	2.074		
			SD in Original Scale	12.18				SD in Log Scale	0.843		
			95% t UCL (Assumes normality)	16.97				95% H-Stat UCL	19.96		
					DL/2 is not a recommended method, provided for comparisons and historical reasons						
					Nonparametric Distribution Free UCL Statistics						
					Detected Data appear Normal Distributed at 1% Significance Level						
					Suggested UCL to Use						
			95% KM (t) UCL	3.305							
					Warning: Recommended UCL exceeds the maximum observation						
					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.						
					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.						
					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.						
1,2,4-Trimethylbenzene											
					General Statistics						
			Total Number of Observations	15				Number of Distinct Observations	15		
			Number of Detects	11				Number of Non-Detects	4		
			Number of Distinct Detects	11				Number of Distinct Non-Detects	4		
			Minimum Detect	2.7				Minimum Non-Detect	9.8		
			Maximum Detect	140				Maximum Non-Detect	74		
			Variance Detects	2413				Percent Non-Detects	26.67%		
			Mean Detects	60.61				SD Detects	49.12		
			Median Detects	58				CV Detects	0.81		
			Skewness Detects	0.128				Kurtosis Detects	-1.491		
			Mean of Logged Detects	3.406				SD of Logged Detects	1.58		
					Normal GOF Test on Detects Only						
			Shapiro Wilk Test Statistic	0.899				Shapiro Wilk GOF Test			
			1% Shapiro Wilk Critical Value	0.792				Detected Data appear Normal at 1% Significance Level			
			Lilliefors Test Statistic	0.206				Lilliefors GOF Test			

1220				1% Lilliefors Critical Value	0.291	Detected Data appear Normal at 1% Significance Level						
1221				Detected Data appear Normal at 1% Significance Level								
1222												
1223				Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs								
1224				KM Mean	46.05				KM Standard Error of Mean	12.85		
1225				90KM SD	47.15				95% KM (BCA) UCL	65.86		
1226				95% KM (t) UCL	68.68				95% KM (Percentile Bootstrap) UCL	66.3		
1227				95% KM (z) UCL	67.18				95% KM Bootstrap t UCL	70.14		
1228				90% KM Chebyshev UCL	84.59				95% KM Chebyshev UCL	102		
1229				97.5% KM Chebyshev UCL	126.3				99% KM Chebyshev UCL	173.9		
1230												
1231				Gamma GOF Tests on Detected Observations Only								
1232				A-D Test Statistic	0.803	Anderson-Darling GOF Test						
1233				5% A-D Critical Value	0.758	Detected Data Not Gamma Distributed at 5% Significance Level						
1234				K-S Test Statistic	0.24	Kolmogorov-Smirnov GOF						
1235				5% K-S Critical Value	0.264	Detected data appear Gamma Distributed at 5% Significance Level						
1236				Detected data follow Appr. Gamma Distribution at 5% Significance Level								
1237												
1238				Gamma Statistics on Detected Data Only								
1239				k hat (MLE)	0.844				k star (bias corrected MLE)	0.675		
1240				Theta hat (MLE)	71.8				Theta star (bias corrected MLE)	89.86		
1241				nu hat (MLE)	18.57				nu star (bias corrected)	14.84		
1242				Mean (detects)	60.61							
1243												
1244				Gamma ROS Statistics using Imputed Non-Detects								
1245				GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs								
1246				GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)								
1247				For such situations, GROS method may yield incorrect values of UCLs and BTVs								
1248				This is especially true when the sample size is small.								
1249				For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates								
1250				Minimum	2.7				Mean	48.03		
1251				Maximum	140				Median	30		
1252				SD	46.83				CV	0.975		
1253				k hat (MLE)	0.855				k star (bias corrected MLE)	0.729		
1254				Theta hat (MLE)	56.15				Theta star (bias corrected MLE)	65.9		
1255				nu hat (MLE)	25.66				nu star (bias corrected)	21.86		
1256				Adjusted Level of Significance (β)	0.0324							
1257				Approximate Chi Square Value (21.86, α)	12.24				Adjusted Chi Square Value (21.86, β)	11.36		
1258				95% Gamma Approximate UCL	85.82				95% Gamma Adjusted UCL	92.47		
1259												
1260				Estimates of Gamma Parameters using KM Estimates								
1261				Mean (KM)	46.05				SD (KM)	47.15		
1262				Variance (KM)	2224				SE of Mean (KM)	12.85		
1263				k hat (KM)	0.954				k star (KM)	0.807		
1264				nu hat (KM)	28.61				nu star (KM)	24.22		
1265				theta hat (KM)	48.28				theta star (KM)	57.03		
1266				80% gamma percentile (KM)	75.22				90% gamma percentile (KM)	111.7		
1267				95% gamma percentile (KM)	148.9				99% gamma percentile (KM)	236.6		
1268												
1269				Gamma Kaplan-Meier (KM) Statistics								
1270				Approximate Chi Square Value (24.22, α)	14.02				Adjusted Chi Square Value (24.22, β)	13.07		
1271				95% KM Approximate Gamma UCL	79.57				95% KM Adjusted Gamma UCL	85.35		
1272												

	A	B	C	D	E	F	G	H	I	J	K	L
1273	Lognormal GOF Test on Detected Observations Only											
1274				Shapiro Wilk Test Statistic		0.789	Shapiro Wilk GOF Test					
1275				10% Shapiro Wilk Critical Value		0.876	Detected Data Not Lognormal at 10% Significance Level					
1276				Lilliefors Test Statistic		0.226	Lilliefors GOF Test					
1277				10% Lilliefors Critical Value		0.231	Detected Data appear Lognormal at 10% Significance Level					
1278				Detected Data appear Approximate Lognormal at 10% Significance Level								
1279												
1280	Lognormal ROS Statistics Using Imputed Non-Detects											
1281				Mean in Original Scale		46.03				Mean in Log Scale		2.963
1282				SD in Original Scale		48.49				SD in Log Scale		1.542
1283			95% t UCL (assumes normality of ROS data)			68.08				95% Percentile Bootstrap UCL		66.02
1284				95% BCA Bootstrap UCL		67.58				95% Bootstrap t UCL		71.59
1285				95% H-UCL (Log ROS)		291.2						
1286												
1287	Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution											
1288				KM Mean (logged)		2.839				KM Geo Mean		17.09
1289				KM SD (logged)		1.64				95% Critical H Value (KM-Log)		3.873
1290			KM Standard Error of Mean (logged)			0.454				95% H-UCL (KM -Log)		358.4
1291				KM SD (logged)		1.64				95% Critical H Value (KM-Log)		3.873
1292			KM Standard Error of Mean (logged)			0.454						
1293												
1294	DL/2 Statistics											
1295	DL/2 Normal						DL/2 Log-Transformed					
1296				Mean in Original Scale		48.81				Mean in Log Scale		3.169
1297				SD in Original Scale		46.67				SD in Log Scale		1.451
1298				95% t UCL (Assumes normality)		70.03				95% H-Stat UCL		267
1299	DL/2 is not a recommended method, provided for comparisons and historical reasons											
1300												
1301	Nonparametric Distribution Free UCL Statistics											
1302	Detected Data appear Normal Distributed at 1% Significance Level											
1303												
1304	Suggested UCL to Use											
1305				95% KM (t) UCL		68.68						
1306												
1307	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1308	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
1309	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
1310												
1311	1,3,5-Trimethylbenzene											
1312												
1313	General Statistics											
1314				Total Number of Observations		15				Number of Distinct Observations		14
1315				Number of Detects		7				Number of Non-Detects		8
1316				Number of Distinct Detects		7				Number of Distinct Non-Detects		7
1317				Minimum Detect		5.2				Minimum Non-Detect		1.5
1318				Maximum Detect		88				Maximum Non-Detect		150
1319				Variance Detects		797.4				Percent Non-Detects		53.33%
1320				Mean Detects		45.89				SD Detects		28.24
1321				Median Detects		51				CV Detects		0.615
1322				Skewness Detects		-0.215				Kurtosis Detects		-0.278
1323				Mean of Logged Detects		3.524				SD of Logged Detects		1.005
1324												
1325	Normal GOF Test on Detects Only											

1326				Shapiro Wilk Test Statistic	0.938	Shapiro Wilk GOF Test						
1327				1% Shapiro Wilk Critical Value	0.73	Detected Data appear Normal at 1% Significance Level						
1328				Lilliefors Test Statistic	0.23	Lilliefors GOF Test						
1329				1% Lilliefors Critical Value	0.35	Detected Data appear Normal at 1% Significance Level						
1330				Detected Data appear Normal at 1% Significance Level								
1331				Note GOF tests may be unreliable for small sample sizes								
1332												
1333				Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs								
1334				KM Mean	25.93	KM Standard Error of Mean	8.449					
1335				90KM SD	28.36	95% KM (BCA) UCL	39.77					
1336				95% KM (t) UCL	40.81	95% KM (Percentile Bootstrap) UCL	39.49					
1337				95% KM (z) UCL	39.83	95% KM Bootstrap t UCL	39.8					
1338				90% KM Chebyshev UCL	51.28	95% KM Chebyshev UCL	62.76					
1339				97.5% KM Chebyshev UCL	78.7	99% KM Chebyshev UCL	110					
1340												
1341				Gamma GOF Tests on Detected Observations Only								
1342				A-D Test Statistic	0.581	Anderson-Darling GOF Test						
1343				5% A-D Critical Value	0.717	Detected data appear Gamma Distributed at 5% Significance Level						
1344				K-S Test Statistic	0.326	Kolmogorov-Smirnov GOF						
1345				5% K-S Critical Value	0.316	Detected Data Not Gamma Distributed at 5% Significance Level						
1346				Detected data follow Appr. Gamma Distribution at 5% Significance Level								
1347				Note GOF tests may be unreliable for small sample sizes								
1348												
1349				Gamma Statistics on Detected Data Only								
1350				k hat (MLE)	1.801	k star (bias corrected MLE)	1.125					
1351				Theta hat (MLE)	25.47	Theta star (bias corrected MLE)	40.8					
1352				nu hat (MLE)	25.22	nu star (bias corrected)	15.74					
1353				Mean (detects)	45.89							
1354												
1355				Gamma ROS Statistics using Imputed Non-Detects								
1356				GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs								
1357				GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)								
1358				For such situations, GROS method may yield incorrect values of UCLs and BTVs								
1359				This is especially true when the sample size is small.								
1360				For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates								
1361				Minimum	0.788	Mean	26.27					
1362				Maximum	88	Median	14.97					
1363				SD	27.09	CV	1.031					
1364				k hat (MLE)	0.797	k star (bias corrected MLE)	0.682					
1365				Theta hat (MLE)	32.97	Theta star (bias corrected MLE)	38.53					
1366				nu hat (MLE)	23.9	nu star (bias corrected)	20.45					
1367				Adjusted Level of Significance (β)	0.0324							
1368				Approximate Chi Square Value (20.45, α)	11.19	Adjusted Chi Square Value (20.45, β)	10.35					
1369				95% Gamma Approximate UCL	48.03	95% Gamma Adjusted UCL	51.91					
1370												
1371				Estimates of Gamma Parameters using KM Estimates								
1372				Mean (KM)	25.93	SD (KM)	28.36					
1373				Variance (KM)	804.4	SE of Mean (KM)	8.449					
1374				k hat (KM)	0.836	k star (KM)	0.713					
1375				nu hat (KM)	25.08	nu star (KM)	21.4					
1376				theta hat (KM)	31.02	theta star (KM)	36.36					
1377				80% gamma percentile (KM)	42.6	90% gamma percentile (KM)	64.81					
1378				95% gamma percentile (KM)	87.67	99% gamma percentile (KM)	142.2					

	A	B	C	D	E	F	G	H	I	J	K	L
1379												
1380						Gamma Kaplan-Meier (KM) Statistics						
1381					Approximate Chi Square Value (21.40, α)	11.89			Adjusted Chi Square Value (21.40, β)			11.02
1382					95% KM Approximate Gamma UCL	46.68			95% KM Adjusted Gamma UCL			50.34
1383												
1384						Lognormal GOF Test on Detected Observations Only						
1385					Shapiro Wilk Test Statistic	0.822			Shapiro Wilk GOF Test			
1386					10% Shapiro Wilk Critical Value	0.838			Detected Data Not Lognormal at 10% Significance Level			
1387					Lilliefors Test Statistic	0.342			Lilliefors GOF Test			
1388					10% Lilliefors Critical Value	0.28			Detected Data Not Lognormal at 10% Significance Level			
1389						Detected Data Not Lognormal at 10% Significance Level						
1390												
1391						Lognormal ROS Statistics Using Imputed Non-Detects						
1392					Mean in Original Scale	25.42			Mean in Log Scale			2.656
1393					SD in Original Scale	27.24			SD in Log Scale			1.129
1394					95% t UCL (assumes normality of ROS data)	37.81			95% Percentile Bootstrap UCL			37.7
1395					95% BCA Bootstrap UCL	38.27			95% Bootstrap t UCL			41.22
1396					95% H-UCL (Log ROS)	65.67						
1397												
1398						Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution						
1399					KM Mean (logged)	2.283			KM Geo Mean			9.806
1400					KM SD (logged)	1.574			95% Critical H Value (KM-Log)			3.75
1401					KM Standard Error of Mean (logged)	0.506			95% H-UCL (KM -Log)			164.1
1402					KM SD (logged)	1.574			95% Critical H Value (KM-Log)			3.75
1403					KM Standard Error of Mean (logged)	0.506						
1404												
1405						DL/2 Statistics						
1406					DL/2 Normal				DL/2 Log-Transformed			
1407					Mean in Original Scale	31.85			Mean in Log Scale			2.756
1408					SD in Original Scale	29.07			SD in Log Scale			1.523
1409					95% t UCL (Assumes normality)	45.07			95% H-Stat UCL			222.4
1410						DL/2 is not a recommended method, provided for comparisons and historical reasons						
1411												
1412						Nonparametric Distribution Free UCL Statistics						
1413						Detected Data appear Normal Distributed at 1% Significance Level						
1414												
1415						Suggested UCL to Use						
1416					95% KM (t) UCL	40.81						
1417												
1418						Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.						
1419						Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.						
1420						However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.						
1421												

Appendix D

Johnson & Ettinger Model Output Spreadsheet for PCE

U.S EPA Johnson & Ettinger Model, Version 6.0, September 2017
Inputs for Crossings Campus, Culver City and Los Angeles, CA
Valet Parking Scenario

Table of Inputs and Outputs for Multiple Chemicals

			Tetrachloroethylene
Source Characteristics:	**Units**	**Symbol**	**Value**
Source medium		Source	Exterior Soil Gas
Soil gas concentration	(ug/m3)	Cmedium	1,000
Depth below grade to soil gas sample	(m)	Ls	9.20
Average vadose zone temperature	(°C)	Ts	25
Calc: Source vapor concentration	(ug/m3)	Cs	1,000
Calc: % of pure component saturated vapor concentration	(%)	%Sat	0.001%
Chemical:	**Units**	**Symbol**	**Value**
Chemical Name		Chem	Tetrachloroethylene
CAS No.		CAS	127-18-4
Chemical Properties:	**Units**	**Symbol**	**Value**
Pure component water solubility	(mg/L)	S	2.06E+02
Henry's Law Constant @ 25°C	(atm-m^3/mol)	Hc	1.77E-02
Calc: Henry's Law Constant @ 25°C	(dimensionless)	Hr	7.24E-01
Calc: Henry's Law Constant @ system temperature	(dimensionless)	Hs	7.24E-01
Diffusivity in air	(cm2/s)	Dair	5.05E-02
Diffusivity in water	(cm2/s)	Dwater	9.46E-06
Building Characteristics:	**Units**	**Symbol**	**Value**
Building setting		Bldg_Setting	Commercial
Foundation type		Found_Type	Basement w/ slab
Depth below grade to base of foundation	(m)	Lb	9.10
Foundation thickness	(m)	Lf	0.20
Fraction of foundation area with cracks	(-)	eta	0.001
Enclosed space floor area	(m2)	Ab	3,400
Enclosed space mixing height	(m)	Hb	8.90
Indoor air exchange rate	(1/hr)	ach	0.45
Qsoil/Qbuilding	(-)	Qsoil_Qb	0.0300
Calc: Building ventilation rate	(m3/hr)	Qb	13,617
Calc: Average vapor flow rate into building	(m3/hr)	Qsoil	408.51
Vadose zone characteristics:	**Units**	**Symbol**	**Value**
Stratum A (Top of soil profile):			
Stratum A thickness (from surface)	(m)	hSA	5.00
Stratum A total porosity	(-)	nSA	0.356
Stratum A water-filled porosity	(-)	nwSA	0.110
Stratum A bulk density	(g/cm^3)	rhoSA	1.710
Source to Indoor Air Attenuation Factor	**Units**	**Symbol**	**Value**
Soil gas to indoor air attenuation coefficient	**(-)**	**alpha**	**4.6E-03**
		Range	9.8E-05 - 4.9E-03

Appendix E

Mass-Limit Vapor Intrusion Calculations for PCE

1 INTRODUCTION

This appendix to the Screening Level Human Health Risk Assessment (HHRA) for the property located at the following addresses: 8825, 8833 National Boulevard and 8771 Washington, Culver City, California and 8876, 8884, 8886 and 8888 Venice Boulevard and 8827 and 8829 National Boulevard, Los Angeles, California (Site) describes mass-limit modeling of potential vapor intrusion from residual tetrachloroethene (PCE) in soil for future Building 1, which will have 3 levels of sub-grade parking.

The mass-limit vapor intrusion modeling approach provides an estimate of the mass of PCE that could potentially enter the future garage during the assumed exposure time (i.e., 25 years for a worker), conservatively assuming that 100 percent of the PCE mass will migrate into the garage and also provides an estimate of the attenuation factor (AF) for PCE between soil gas and the garage air based on the results of the mass-limit model.

The mass-limit vapor intrusion model described herein for residual PCE in soil is based on an equivalent approach to mass-limit modeling used by the United States Environmental Protection Agency (U.S. EPA) in developing soil screening levels (SSLs) and regional screening levels (RSLs) for volatilization of VOCs from soil to outdoor air (U.S. EPA, 1996b, 2022). Such mass-limit modeling is appropriate for the Site where excavation will likely remove potential sources of VOCs is soil such that the mass remaining outside of the excavation area is limited and can be quantified.

1.1 Mass-Limit Model for Potential Future Vapor Intrusion

An AF between soil vapor and garage air was developed for PCE using the Johnson and Ettinger (J&E, 1991) vapor intrusion transport model, as described in the HHRA. The J&E model is a 1-dimensional steady-state transport model, in which VOCs are modeled to migrate upward from a source at a given depth below ground surface (bgs) into a building.

In the J&E model, the VOC concentration at the source in the subsurface is assumed to remain constant over time, which means that the model assumes that an unlimited mass of VOCs can migrate upward and into a building over time (i.e., an infinite source). This can be an effective modeling technique for long-term sources with significant residual mass in soil, or for sources related to groundwater plumes that are persistent over time. However, this assumption may not be realistic for the Site where excavation will likely remove potential sources of VOCs is soil such that the mass remaining outside of the excavation area is limited and can be quantified. Ignoring the mass limitation significantly overestimates potential future exposure levels and risks.

As mentioned above, the U.S. EPA recognizes the mass limitation in a similar situation, when developing SSLs for volatilization of VOCs to outdoor air, writing:

> *"Use of infinite source models to estimate volatilization can violate mass-balance considerations for small sources. To address this concern, the Soil Screening Guidance [U.S. EPA, 1996b] includes a model for calculating a mass-limit SSL that provides a lower limit to the SSL when the area and depth (i.e., volume) of the source are known or can be estimated reliably. A mass-limit SSL represents the level of contaminant in the subsurface that is still protective when the entire volume of contamination volatilizes over the 30-year exposure duration and the level of contaminant does not exceed the health-based limit."* (U.S. EPA, 2022; Section 4.9.5)

After soil excavation for redevelopment of the Site, the remaining mass of PCE around the garage is limited and can be estimated using existing data. Therefore, a conservative mass-limit model for the residual PCE in soil was developed to estimate an AF from soil gas into garage air, as described below.

1.1.1 Description of Mass-Limit Vapor Intrusion Model

The mass-limit vapor intrusion model uses site-specific data and conservative assumptions to estimate an AF for vapor intrusion from soil vapor into garage air, based on the estimated mass of PCE remaining in the soil outside the garage sidewalls and the garage dimensions. The overall approach to the mass limit model is as follows:

- The area of the garage sidewalls is estimated based on the footprint of the first floor of Building 1 (i.e., 3,400 square meters (m^2)) and the depth to the water table (i.e., 30 feet). The volume of soil containing PCE is calculated by multiplying the garage sidewalls surface area by an assumed width of soil outside the garage containing PCE (see Section 1.1.3).
- The mass of PCE remaining in the subsurface outside the sidewalls of the future garage is quantified based on the maximum PCE concentration in the soil vapor dataset (see HHRA for further details), as follows.
  - Soil properties (porosity, moisture content, density, organic carbon content) are identified based on available data for the Site (Table 1b of the HHRA).
  - VOC mass in the soil vapor phase is calculated based on the maximum PCE concentration in the soil vapor dataset (i.e., 2,900 ug/m^3).
  - PCE mass dissolved in soil moisture is calculated based on (a) the concentrations in soil vapor, (b) equilibrium partitioning between soil vapor and water (using Henry's Law), and (c) the volume of soil moisture in the soil zone around the garage.
  - PCE mass adsorbed to soil is calculated based on (a) the PCE concentration in soil moisture, (b) equilibrium partitioning between the water and adsorbed phases in soil, and (c) the mass of soil in the soil zone around the garage.
  - The total PCE mass in the soil vapor phase, water phase (soil moisture), and adsorbed phase is carried forward in the mass-limit model.
- 100% of the mass of PCE in the subsurface (soil vapor, water, and adsorbed phases) is assumed to migrate into the garage air in the future garage over a 25-year commercial exposure duration.
- The mass of PCE that is assumed to migrate into garage air over time is divided by the fresh air ventilation in the garage (see Section 1.1.3) to calculate an upper limit on the average PCE concentrations in garage air.
- The upper limit concentration in garage indoor air is then used to estimate an AF for PCE between soil gas and garage air; the AF is the estimated PCE concentration in the garage indoor air divided by the PCE concentration in the soil gas.

The mass-limit vapor intrusion modeling for PCE is provided in Tables E-1. All of the modeling parameters are listed in the table, including input parameters and calculated results. The modeling parameters and the equations for the calculations are described below.

1.1.2 Garage Parameters

The garage is assumed to have lateral dimensions of approximately 58 m by 58 m, based on a footprint of 3,400 m^2 for the future Building 1 at the Site, which equivalent to approximately 36,790 square feet (sf). The area of the garage sidewalls exposed to soil is estimated based on the perimeter of the garage (i.e.,

4 times 58 m) and the depth to the water table (i.e., 30 feet or 9.1 m). Consistent with the J&E model, the total interior height of the garage, over three floors of garage and assuming a foundation thickness of 0.2 m, is assumed to be 8.9 m. This parameter is important because the fresh air ventilation volume in the garage scales directly with interior height. In the mass-limit model, VOCs are presumed to infiltrate through the garage sidewalls to the garage interior, over the entire vertical span of the garage walls.

1.1.3 Garage Ventilation Rate

The fresh air ventilation rate in the parking garage is estimated based on the volume of the garage interior and an assumed air exchange rate of 0.45 air changes per hour (ACH). The California Mechanical Code (CAMC) Section 403.7 specifies a minimum exhaust rate of 0.75 cubic feet per minute (cfm) per square foot (sf) for enclosed parking garages, which for a 10-foot ceiling height would be 4.5 ACH. However, the ventilation rate can be reduced and modulated based on carbon monoxide concentrations in the garage, which will vary based on vehicle usage in the garage. Therefore, the lower rate of 0.45 ACH, which is just 10% of the minimum in the CAMC, is conservatively assumed for the modeling.

1.1.4 Volume of Impacted Soil

The volume of soil containing PCE is calculated by multiplying the garage sidewalls surface area by an assumed width of soil containing PCE of 30 feet. This assumes that PCE in soil and soil vapor within 30 feet of the garage walls has the potential to diffuse laterally over time to the vicinity of the garage wall and then potentially migrate into the garage. This is a conservative assumption because PCE in shallower soil is more likely to diffuse upward to ambient air than into the garage. If PCE is present in soil beyond 30 feet from the garage perimeter, it would also be more likely to diffuse upwards before reaching the garage walls. This approach also conservatively assumes a consistent initial PCE concentration in soil and soil vapor surrounding the entire garage and from the ground surface to the water table, whereas PCE concentrations will be at lower concentrations in some areas around the garage.

1.1.5 Soil Parameters

Soil parameters used in the mass-limit vapor intrusion model are based on values measured in soil samples collected from the Site, as listed in Table 1b of the HHRA, and are consistent with the values used in the J&E model. The values used for the mass-limit vapor intrusion model are described below.

Water-Filled Porosity (Θ_w): Water-filled porosity is assumed to be 0.11 (11%). This is based on the water-filled porosity data from the Site used in the J&E model.

Air-Filled Porosity (Θ_a): Air-filled porosity is assumed to be 0.25 (25%). This is based on the air-filled porosity data from the Site used in the J&E model.

Fraction organic carbon (f_{oc}): The fraction of organic carbon (f_{oc}) in the soil is assumed to be 0.0016 (0.16%). This is based on the total organic carbon (TOC) measurement for the soil sample collected from the location and depth where the maximum PCE concentration in soil vapor was detected (1,600 milligrams per kilogram (mg/kg), as listed in Table 1b of the HHRA). The f_{oc} is used to estimate the mass of PCE adsorbed to soil, so higher values of f_{oc} result in higher estimated mass of PCE in soil, which is conservative for the mass-limit vapor intrusion model.

Dry bulk density (ρ_b): The dry bulk density (ρb) of the soil is assumed to be 1,710 kilograms per cubic meter (kg/m^3). This is based on dry bulk density data from the Site used in the J&E model.

Contaminated soil zone thickness (H_B): The "contaminated soil zone thickness" (H_B) describes the thickness of the soil zone where the remaining PCE mass is located. This thickness has been assumed to be equal to the depth to the water table (i.e., 30 feet).

1.1.6 Media Quantities

The volume of soil moisture (Vw) and the volume of soil vapor (Vsv) in the soil zone subject to the mass-limit model are each calculated based on the volume of impacted soil around the garage multiplied by the water-filled porosity or the air-filled porosity, respectively. Similarly, the soil mass is the volume of impacted soil around the garage multiplied by the dry bulk density. For the parameters in Table E-1 and described above, that results in a soil mass of PCE of 33,000,000 kilograms.

The water volume, soil vapor volume, and soil mass are multiplied by the PCE concentrations in the respective media to calculate the PCE mass in the contaminated soil zone.

1.1.7 Chemical Properties

Chemical properties for PCE are listed in Tables E-1. The chemical properties that are used in the mass-limit vapor intrusion model are:

- molecular weight (166 g/gmol);
- Unitless Henry's Law constant (0.72); and
- organic carbon partitioning coefficient (95 L/kg).

The values of the chemical properties for PCE shown in Table E-1 are the values used by U.S. EPA to develop RSLs (U.S. EPA, 2022).

1.1.8 PCE Mass in Soil Vapor

The PCE mass residing in soil vapor is the maximum PCE concentration in soil vapor (Csv) multiplied by the volume of soil vapor (Vsv).

1.1.9 PCE Mass in Soil Moisture

The PCE mass residing in soil moisture is the concentration in soil moisture (Cw) multiplied by the volume of soil moisture (Vw).

The concentration in soil moisture is calculated by dividing the maximum PCE concentration in soil vapor by the PCE unitless Henry's Law constant at the system temperature.

Equation [1] **Henry's Law**

$$C_{sv} = C_w \times H'$$

or, rearranged to solve for the concentration in water,

$$C_w = \frac{C_{sv}}{H'}$$

where:

C_{sv} = PCE concentration in soil vapor (ug/L)
C_w = PCE concentration in water (ug/L)
H' = Henry's Law constant at system temperature for PCE (unitless)

1.1.10 PCE Mass Adsorbed to Soil

The PCE mass adsorbed to soil in the contaminated soil zone is the concentration adsorbed to soil (Cs) multiplied by the soil mass (Ms). The concentration adsorbed to soil (Cs) is calculated using the concentration in soil moisture (Cw), the organic carbon partitioning coefficient (koc) and the fraction of organic carbon (foc) in the soil, using Equation [2]:

Equation [2] Adsorbed Concentration in Saturated Media (U.S. EPA, 1996a)

$$C_s = C_w \times k_{oc} \times f_{oc}$$

where:

C_s = PCE concentration in adsorbed phase in soil (mg/kg)
C_w = PCE concentration in dissolved phase in soil pores (mg/L)
k_{OC} = organic carbon-water sorption coefficient (L/kg)
f_{OC} = fraction of organic carbon in soil (g C / g soil)

1.1.11 Total PCE Mass

The total PCE mass in the subsurface is the sum of the mass in soil vapor (MSV), the mass in soil moisture (MW), and the mass adsorbed to soil (MA).

1.1.12 Mass-Conservative Migration (No Biodegradation)

The mass-limit model assumes mass-conservative migration, without any losses to biodegradation as PCE migrate through the soil to the garage. PCE is generally not amenable to aerobic biodegradation. Therefore, no biodegradation is assumed for PCE.

1.1.13 Indoor Air Concentrations

The PCE concentration in indoor air (C_{IA}) is calculated based on the total mass of PCE in the soil around the garage (M_T) divided by the total fresh air ventilation volume over a period of 25 years (Q_B). The period of 25 years is selected to match the default exposure duration for a worker scenario. This approach conservatively assumes that 100% of the PCE mass in the soil migrates into the garage air over the commercial exposure duration.

In the event the PCE migrated out of the soil and into garage air over a period shorter than 25 years, the mass-limit garage air concentrations would be higher, albeit for a shorter exposure duration. This change would not affect cancer risks for workers.

1.1.14 Attenuation Factor Calculation

The AF for PCE from soil vapor into garage air can be calculated as the concentration in garage air divided by the concentration in soil vapor. As shown in Table E-1, the estimated AF for PCE based on the results of this site-specific mass limit model is 5×10^{-6}.

2 REFERENCES

Johnson, P.C., and R.A. Ettinger, 1991. *Heuristic Model for Predicting the Intrusion Rate of Contaminant Vapors into Buildings*, Environmental Science and Technology, Vol. 25, No. 8, 1991.

U.S. EPA, 1996a. *Soil Screening Guidance, Technical Background Document*, United States Environmental Protection Agency, Emergency Response, EPA/540/R-95/128, May 1996.

U.S. EPA, 1996b. *Soil Screening Guidance*, United States Environmental Protection Agency, Emergency Response, EPA/540/R-96/018, July 1996.

U.S. EPA, 2022. *Regional Screening Levels (RSLs) - User's Guide (May 2022)*. United States Environmental Protection Agency, May 2022.

Table E-1
Mass-Limit Vapor Intrusion Calculations
Crossings Campus, Culver City and Los Angeles, CA

Parameter	Symbol	Units	PCE
Building Parameters			
Footprint of the first floor of Building 1	F_B	m^2	3,400
Estimated length of garage (=$F_B^{0.5}$)	L_B	m	58
Estimated width of garage (=$F_B^{0.5}$)	W_B	m	58
Interior garage height (assuming 0.2 m foundation thickness)		ft	29
	h_B	m	8.9
Area of garage sidewalls (=4 * L_B * H_B)	A_B	m^2	2,133
Volume of soil with PCE outside garage sidewalls (= A_B * W_{PCE})	V_B	m^3	19,512
Soil/Site Properties			
Contaminated soil zone thickness (= garage sidewall height above water table)		ft	30
	H_B	m	9.1
Assumed width of soil with PCE outside garage walls		ft	30
	W_{PCE}	m	9.15
Water-filled soil porosity (vol/vol)	Θ_w	--	0.11
Air-filled soil porosity (vol/vol)	Θ_a	--	0.25
Total soil porosity (vol/vol) (= Θ_a + Θ_w)	Θ_T	--	0.36
Fraction organic carbon	f_{oc}	--	0.0016
Soil dry bulk density	ρ_b	kg/m^3	1,710
Media quantities in contaminated zone around garage			
Soil vapor (=V_B * Θ_a * 1,000 L/m^3)	V_{SV}	L	4.9E+6
Soil moisture (=V_B * Θ_w * 1,000 L/m^3)	V_W	L	2.1E+6
Soil mass (=V_B * ρ_b)	M_S	kg	3.3E+7
Chemical Properties			
Molecular Weight	MW	g/gmol	166
Henry's Law constant (unitless)	H	--	0.72
Organic carbon partitioning coefficient	k_{oc}	L/kg	95
Chemical concentration in soil vapor (maximum PCE concentration in soil vapor dataset)	C_{SV}	ug/L	2.9
Equilibrium concentration in soil moisture (=C_{SV} /H)	C_W	ug/L	4.0
Equilibrium concentration in soil (=C_W * k_{oc} * f_{oc})	C_S	ug/kg	0.6
Chemical mass in soil around building perimeter			
Mass in soil vapor (= V_{SV} * C_{SV})	M_{SV}	ug	1.4E+7
Mass in soil moisture (= V_W * C_W)	M_W	ug	8.6E+6
Mass adsorbed to soil (= M_S * C_S)	M_A	ug	2.0E+7
Total chemical mass	M_T	ug	4.3E+7
		g	43.2
Vapor Intrusion Calculations			
Fresh air ventilation, air exchange rate in garage	AER	hr^{-1}	0.45
Fresh air volumetric ventilation rate (= F_B * h_B * AER)	VR	m^3/hr	1.4E+4
Fresh air ventilation volume over exposure duration (=VR * ED_w)	Q_B	m^3	3.0E+9
Exposure duration (worker)	ED_w	years	25
Indoor air concentration over exposure duration (=M_T/Q_B) (assumes 100% mass infiltration to indoor air)	C_{IA}	ug/m^3	0.0144
Attenuation factor between soil vapor and garage air (=C_{IA} / (C_{SV} * 1,000 L/m^3)	AF	--	5.0E-06

Cells requiring parameter input are shaded. Cells with calculated results are not shaded.