EVERSHINE VI, L.P.

SOIL VAPOR AND INDOOR AIR INVESTIGATION REPORT

OKAIGAN DOJO
19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

MARCH 18, 2022

SOIL VAPOR AND INDOOR AIR INVESTIGATION REPORT

OKAIGAN DOJO
19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

MARCH 2022

PREPARED FOR
Evershine VI, L.P.
19620 Stevens Creek Boulevard
Suite 200
Cupertino, CA 95014

PREPARED BY
WSP USA, Inc.
2025 Gateway Place
Suite 348
San Jose, CA 95110
Tel: +1 408 453-6100
WSP.com

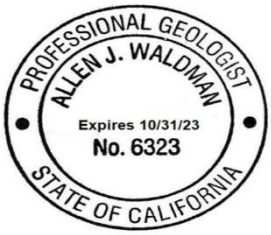
WSP USA Contacts
Allen J. Waldman, P.G.
Allen.Waldman@wsp.com

SIGNATURES

PREPARED BY

Allison Malathong
Consultant, Environmental Engineer

REVIEWED BY



Allen J. Waldman, PG
Senior Lead Consultant, Geologist

TABLE OF CONTENTS

1 INTRODUCTION 1

2 DESCRIPTION OF FIELD ACTIVITIES 2

2.1 Pre-Field Activities 2

2.2 Subslab Vapor Probe Installation and Sampling 2

2.3 Indoor Air Sampling 3

2.3.1 Site Inspection and Materials Inventory 3

2.3.2 Number and Location of Samples 3

2.3.3 Sampling Duration 3

2.3.4 Sampling Procedure and Analysis 4

2.3.5 Quality Assurance/Quality Control 4

2.4 Soil Gas Probe Installation and Sampling 4

3 SAMPLING RESULTS 6

3.1 Evaluation Criteria 6

3.2 Subslab Vapor Results 6

3.3 Indoor and Outdoor (Ambient) Air Results 6

3.4 Soil Gas Results 6

4 RECOMMENDED NEXT STEPS 8

REFERENCES 9

ACRONYMS 10

FIGURES

FIGURE 1	SITE LOCATION MAP
FIGURE 2	SAMPLE LOCATIONS AND HISTORICAL SAMPLE RESULTS
FIGURE 3	SUBSLAB VAPOR AND SOIL GAS RESULTS
FIGURE 4	INDOOR AIR AND OUTDOOR (AMBIENT) AIR SAMPLE RESULTS

TABLES

TABLE 1	SUBSLAB VAPOR RESULTS
TABLE 2	INDOOR AIR AND AMBIENT (OUTDOOR) AIR RESULTS
TABLE 3	SOIL GAS RESULTS

APPENDICES

APPENDIX A	HISTORICAL SAMPLING RESULTS
APPENDIX B	BUILDING SURVEY FORM AND INDOOR AIR SOURCE SCREEN FORMS
APPENDIX C	LABORATORY ANALYTICAL REPORT FOR FEBRUARY 2022 SAMPLING EVENT

1 INTRODUCTION

On behalf of Evershine VI, L.P., WSP USA Inc. (WSP) has prepared this report to summarize the results of indoor air, outdoor (ambient) air, subslab vapor, and soil gas sampling conducted in February 2022 at the properties adjacent to the Okaigan Dojo facility located at 19720 Stevens Creek Boulevard in Cupertino, California (Site; Figure 1). Previous investigations of the Site have shown that shallow soil underlying the southwest portion of the commercial tenant space may potentially have been impacted by historical dry-cleaning operations associated with the property between about 1992/1993 to 2012 (AEI Consultants [AEI] 2007 and 2019a). Concentrations of tetrachloroethene (PCE) were detected in some soil matrix samples, however those concentrations did not exceed the San Francisco Bay (SFB) Regional Water Quality Control Board (RWQCB) commercial/industrial environmental screening level (ESL; SFB RWQCB 2019).

In September 2019 and January 2020, samples of soil gas, subslab vapor, and indoor air were collected by AEI to evaluate the potential for vapor intrusion of the volatile organic compounds (VOCs) detected previously in shallow soil matrix samples (AEI 2019b and 2020). Analytical results revealed PCE in subslab vapor samples (from 37 to 1,500 micrograms per cubic meter [µg/m3]) and PCE in soil gas samples (from 1.68 to 1,050 µg/m3). Three of the four subslab vapor samples and nine of the twelve soil gas samples exceeded the commercial/industrial ESL for PCE of 67 µg/m3. Furthermore, PCE (from 1.15 to 2.64 µg/m3) was detected in indoor air samples; two of the three indoor air samples exceeded the commercial/industrial ESL for PCE of 2.0 µg/m3.

WSP performed additional subslab vapor and indoor air sampling and analyses in September 2020. The work was undertaken to confirm AEI's findings and to provide additional data for a possible design of a subslab depressurization system (SSDS) to mitigate the potential for vapor intrusion into the building onsite, which operates as a commercial suite that is part of a larger multi-unit complex. The analytical results showed that subslab vapor samples at all three sample locations contained PCE at concentrations (from 940 to 5,100 µg/m3) that exceeded its commercial/industrial ESL of 67 µg/m3 and trichloroethene (TCE) concentrations at one of the three locations (220 µg/m3) that exceeded its commercial/industrial ESL of 100 µg/m3. In addition, two of the three indoor air samples contained PCE concentrations (2.3 and 2.6 µg/m3) that exceeded its ESL of 2 µg/m3. In general, VOCs detected in the September 2020 samples were consistent with September 2019 and January 2020 sample results. All results revealed higher concentrations of VOCs (primarily PCE and TCE) in samples from the southern and western portions of the suite. Historical sampling results are presented in Figure 2 and Appendix A.

Pursuant to the request of the Santa Clara County Department of Environmental Health (SCCDEH) and as part of regulatory oversight under California Health and Safety Code Sections 101480-101490, WSP prepared an Additional Vapor Intrusion Workplan, dated June 7, 2021, to perform additional vapor intrusion assessment at properties adjacent to the Site. The workplan was approved by SCCDEH in a letter dated October 28, 2021. The field work conducted in February 2022 was performed per the approved Additional Vapor Intrusion Assessment Workplan.

2 DESCRIPTION OF FIELD ACTIVITIES

In accordance with the approved Additional Vapor Intrusion Assessment Workplan for the Site, the following scope of work was conducted.

- Subslab vapor and indoor air samples were collected from six paired subslab vapor and indoor air sampling points (SV-005 through SV-010; IA-005 through IA-010).
- Soil gas samples were collected from two nested soil vapor monitoring points (SG-001 and SG-002) at discrete depths outside the rear of the suite building of 5 feet, 10 feet, and 25 feet below ground surface (bgs), including one duplicate.
- Three outdoor ambient air samples (OA-001 through OA-003) were collected outside the Site.

Soil gas wells and subslab vapor probes were installed by Trinity, a C-57 licensed well driller. The installation and sampling of the soil gas probes followed guidelines provided in the Advisory - Active Soil Gas Investigations (California Department of Toxic Substances Control [DTSC], et al. 2015), and the Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion (DTSC and California Water Control Boards 2020).

Indoor air sampling was conducted in general accordance with Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (DTSC 2011) and the Draft Supplemental Guidance: Screening and Evaluating Vapor Intrusion (DTSC and California Water Control Boards 2020).

The locations of the installed nested soil gas probes, subslab vapor points, and indoor and outdoor ambient air sample points are shown in Figure 2.

2.1 PRE-FIELD ACTIVITIES

Prior to mobilizing for drilling work, WSP retained Trinity for drilling and installing soil gas wells and subslab vapor pins. WSP also obtained well construction permits from the Santa Clara Valley Water District for boring locations greater than 15 feet bgs.

WSP conducted Underground Service Alert markings using white paint outside the facility. With limited access to the indoor facilities, WSP first marked two soil gas well locations (SG-001 and SG-002) outside the facility for soil gas sampling. Indoor subslab points for vapor sampling were plotted as close as possible to sample locations provided in the approved workplan with a few changes in sampling location and sampling IDs (SV-005 through SV-010). In addition, a private utility locator, Scantech, was retained by the drilling subcontractor to clear all sampling points before drilling. Based on the private utility locator survey conducted by Scantech, proposed points (SG-001 and SG-002) were moved a few feet northwest of their proposed locations to avoid interference with utility lines.

2.2 SUBSLAB VAPOR PROBE INSTALLATION AND SAMPLING

Six subslab vapor probes were installed at three commercial spaces (19700, 19710, and 19732 Stevens Creek Boulevard) on February 3, 2022, by drilling through the concrete floor using a handheld hammer power drill and installing a Vapor Pin® at each point. The probes were installed with flush-mounted covers for protection from pedestrian traffic and were left in place for future sampling, if warranted. Due to access issues, SV-005 through SV-008 were sampled on February 7, 2022, and SV-009 and SV-010 were sampled on February 8, 2022.

Prior to sampling, a short piece of Tygon™ tubing was connected to the Vapor Pin® barb fitting, and a section of 0.25-inch outer diameter Teflon™-lined or Nylaflow® tubing was inserted into the Tygon™ tubing. Next, a leak test was performed at each location to evaluate the integrity of the subslab probe seal and ensure that the vapor samples were not diluted by indoor air. To perform the test, an enclosure was placed over the subslab sample probe, and the tubing attached to the Vapor Pin® was passed under the edge of the enclosure, or through an opening in the enclosure, to allow monitoring of the subslab vapor from outside of the enclosure using an electronic helium detector. After the monitoring equipment was in place, the dome was charged with helium through an opening in the enclosure. The sample probe was then be monitored for a minimum of 2 minutes to verify that the system was not short-circuiting to the helium-enriched atmosphere above the concrete slab. Helium detections in the recovered subslab vapor up to 10 percent of the helium concentrations inside the shroud was considered acceptable.

Before each subslab vapor sample was collected, a pre-sample purge was conducted to remove dilution air from the tubing and probe assembly. Three probe-volumes of air evacuated from each sample location at a rate not exceeding 0.2 liter per minute using the helium shroud method. The purged air was collected in a Tedlar® bag and monitored periodically with a photoionization detector (PID) for organic vapors.. After purging, the laboratory-certified clean, 1-liter canister (e.g. SUMMA® canister) was attached to the Teflon™-lined or Nylaflow® tubing and placed under a shroud cover.

The canister valve was then opened initiating sample collection and the initial vacuum reading, ambient temperature, and barometric pressure were recorded. Once the required pressure was reached (4 inches of Hg on the regulator dial), the final vacuum reading, ambient temperature, and barometric pressure were recorded, and sample collection was completed by closing the canister valve. The sample train was then disassembled and the Vapor Pin® port closed. The sample name, location, time and date of sample collection, sample canister number, and the analytical method were recorded on field form, field logbook, and on the chain-of-custody. All sample canisters were transported via courier along with chain-of-custody documentation to Enthalpy Analytical of Orange, California, and analyzed for VOCs by U.S. Environmental Protection Agency (USEPA) Method TO-15.

2.3 INDOOR AIR SAMPLING

2.3.1 SITE INSPECTION AND MATERIALS INVENTORY

Prior to indoor air sampling, WSP conducted a pre-sampling chemical inventory of the occupied units at 19700, 19710, and 19732 Stevens Creek Boulevard. During the inspection, WSP noted any chemical products in the occupied units that may affect indoor air quality and listed these products on Indoor Air Source Screen Forms, which are in Appendix B. During the survey, each area of the occupied units was inspected, and any product containers that may be sources of potential vapor emissions were scanned with a RAE® Systems PID. The PID used was capable of detecting volatiles in the parts per billion by volume range (ppbv). Materials and equipment of potential concern included: cleaners, degreasers, lubricants, primers, resins, adhesives, fillers, paint and paint thinners, wood stains, insecticides, gas-powered equipment, and petroleum products. PID readings were recorded for some chemical products as noted on the Indoor Air Source Screen Forms (Appendix B).

During this screening process, common household cleaning supplies, such as bleach multi-surface cleaner (e.g., Lysol®), hand sanitizer, and air freshener) were observed in all three units. Based on WSP's review of available safety data sheets, none of the products that had a PID response listed the COPCs (as ingredients. However, WSP asked employees at 19700 Stevens Creek Boulevard to place items with elevated PID readings outside of the building until sampling was complete.

2.3.2 NUMBER AND LOCATION OF SAMPLES

During the sampling event, indoor air samples were collected from three locations; two samples were collected from each occupied leased space, 19700 (Yogurt Land), 19710 (Blinds and Shutters), and 19732 (Legend Pizza) Stevens Creek Boulevard. Samples IA-005 and IA-006 were located in Legend Pizza space in the corner of the front counter and in the restroom, respectively. IA-007 and IA-008 were deployed in Shutters and Blinds space in the restroom and in the front of the space near the window, respectively. IA-009 and IA-010 were located in Yogurt Land in the kitchen area near the back door of the space and in the restroom, respectively (Figure 2).

Additionally, three ambient (outdoor) air samples (OA-001 to OA-003) were collected during the sampling event to assess site-specific background outdoor air quality. Sample canisters were placed outdoors, one on the north (OA-001) of the three commercial spaces and two south (OA-002 and OA-003) of the commercial spaces, as shown on Figure 2.

2.3.3 SAMPLING DURATION

Each indoor air and ambient air samples was collected over an 8-hour period during the hours of approximately 10 AM to approximately 6 PM on February 3, 2022. Businesses ran as normal for all commercial spaces, Yogurt Land (11 AM to 9 PM), Blinds and Shutters (9 AM to 5 PM, and Legend Pizza (11 AM to 8 PM during indoor and outdoor air sampling events.

2.3.4 SAMPLING PROCEDURE AND ANALYSIS

Indoor air samples were collected using evacuated 6-liter canisters with the intake positioned approximately 1 to 5 feet above the floor. Each canister was equipped with a flow regulator configured to capture an integrated air sample over the specified exposure duration. The flow regulator was appropriately pre-set by the laboratory to collect the sample over a 8-hour period.

After the specified sampling time, the flow regulator was removed from the canister to complete the sample collection, and the canister was labeled with the sample name.

The sample name, location, time and date of sample collection, canister and regulator number, and the analytical method to be used were recorded on the chain-of-custody form. The indoor air samples were couriered to Enthalpy Analytical of Orange, California, under strict chain-of-custody procedures, and analyzed for VOCs by USEPA Method TO-15 using selective ion monitoring mode.

2.3.5 QUALITY ASSURANCE/QUALITY CONTROL

WSP requested that the canisters used to sample the indoor air be 100-percent-certified clean by Enthalpy Analytical, which means the canister, flow controller, and gauge were certified together as a unit for all the analytes of concern at the reporting limits required for the project. This certification involves cleaning the canister units using a combination of heat, dilution, and high vacuum. Each canister unit was to be analyzed for COPCs after the cleaning process by allowing them to fill with analyte-free air then analyzing the air using gas chromatography/mass spectrometry. If no COPCs were detected at concentrations above the required reporting limits, then the canister was evacuated again and was ready for sampling. If any COPCs were detected at concentrations above the reporting limits, then the canister unit was to be re-cleaned.

Before initiating indoor air sampling, the initial vacuum of the canister was checked to make sure it was at least approximately 25 inches of mercury (in. Hg). If a canister was initially found to contain less vacuum, it may indicate that a leak had occurred in transit. All sample canisters used had a vacuum of at least 25 in. Hg prior to sampling.

2.4 SOIL GAS PROBE INSTALLATION AND SAMPLING

To evaluate the potential for vapor intrusion offsite to nearby residential properties, two soil gas sampling points (SG-001 and SG-002) were installed on February 1, 2022, near the edge of the property boundary, which separates the residential houses to the south from the subject property (Figure 2). Nested soil gas probes were installed were installed at SG-001 and SG-002 at multiple discrete depths of 5 feet, 10 feet, and 25 feet bgs. Each soil gas probe was installed by first coring the surface concrete or asphalt and clearing a 6-inch diameter boring to an approximate depth of 5 feet bgs by using a hand auger. A direct-push drill rig then advanced the boring to the deepest target depth of approximately 26 feet bgs. The nested soil gas probes were constructed using 0.25-inch outside diameter Tygon® sample tubing with 1-inch long stainless-steel filter screen inserted at the bottom. The tubing was inserted into the open boring by feeding it through a narrow diameter polyvinyl chloride pipe that was removed from the hole after the probe had been set at the target depth. Approximately 12 inches of clean, graded, kiln dried, #2/12 sand were poured around the screen tip to allow for diffusion of soil vapors. Approximately 1 foot of dry bentonite granules was placed within the annular space above the sand pack and between the screened intervals (e.g., for nested probes). The bentonite granules were incrementally hydrated with water approximately starting 1 foot above the sand pack up to the next screen interval, or up to 3 feet bgs. The remaining annular space was filled with neat cement slurry. All nested soil gas probes outdoors were completed with a traffic-rated vault box with a bolt-down lid.

Three soil gas samples were collected on February 3, 2022, from each location (SG-001 and SG-002) at three discrete depths, totaling six soil gas samples. A duplicate sample (SG-200) was also taken from one of the probes (SG-001-5) to document the precision of the sampling process. All probes were allowed to equilibrate for at least 24 hours after installation before being sampled.

Before sampling, each probe was purged using an external pump with a pre-set flow rate of 200 milliliters per minute (mL/min) that was connected to the probe via the flow manifold. Each probe was purged for the amount of time required to remove approximately three probe volumes. A probe volume was calculated by adding together the following: the sand pack surrounding the sampling probe intake (assuming a 30 percent pore volume); the volume of the probe tip; and the inner volume of the sample tubing.

Purging was accomplished by connecting a hand-powered air pump with an outflow valve connecting to the soil gas discharge tubing and with an inflow valve connected into a 2-liter canister. Soil gas and/or air purged from the soil gas discharge were vacuumed into the 2-liter canister. This was conducted to prevent ambient air from diluting the soil gas samples and to reduce variability among samples. A plastic shroud was also placed over the manifold and connecting valves to avoid interference from the surrounding area of the soil gas probe. A low-flow purge rate (typically a maximum of 200 mL/min) was conducted. A minimum of three tubing/point volumes from the soil gas sampling assembly were required to be purged before collecting the samples. In this case, purging volume was calculated to 2 minutes per probe.

After the probe was purged, a shut-in test was performed. The shut-in test was conducted once all aboveground fittings were assembled, including those connected to the probe sample tubing and the sample canister. While the sample canister was in the off position, the sampling system was evacuated. Then all valves were closed, and the vacuum gauge connected to the system was observed for at least one minute to confirm there was no loss of vacuum indicating a leak in the sampling system. None of the manifolds failed the shut-in tests.

A leak test was also conducted of each soil vapor probe by using a shroud cover as explained in section 2.2. The purpose of the test was to determine if atmosphere from aboveground was being drawn into the sample stream and, therefore, potentially diluting, or cross contaminating the sample. Once the leak test was set up, the soil gas sample was collected by opening the valve to the 1-liter canister. Once the canister was nearly full, the valve was closed, and the flow regulator was removed from the canister.

The sample name, location, time and date of sample collection, canister and regulator number, and the analytical method to be used were recorded on the chain-of-custody form. The soil gas samples were shipped to Enthalpy Analytical under strict chain-of-custody procedures and analyzed for VOCs by USEPA Method TO-15.

3 SAMPLING RESULTS

3.1 EVALUATION CRITERIA

The screening levels that are most applicable for the indoor and ambient (outdoor) air and subslab vapor results for the Site are those that assume a commercial/industrial exposure scenario. For the indoor and ambient (outdoor) air sample results, the applicable screening levels are the lower of the cancer and noncancer direct exposure human health risk levels assuming commercial/industrial exposure scenarios that are in the SFB RWQCB's ESL Workbook (SFB RWQCB 2019). For the subslab vapor sample results, the applicable screening levels are the lower of the cancer and noncancer subslab/soil gas vapor intrusion human health risk levels assuming commercial/industrial exposure scenarios that are in the SFB RWQCB's ESL Workbook (SFB RWQCB 2019).

The purpose of the soil gas samples was to evaluate the potential for vapor intrusion offsite to nearby residential properties. Therefore, for the soil gas sample results, the applicable screening levels are the lower of the cancer and noncancer subslab/soil gas vapor intrusion human health risk levels assuming residential exposure scenarios that are in the SFB RWQCB's ESL Workbook (SF Bay RWQCB 2019).

3.2 SUBSLAB VAPOR RESULTS

A summary of the analytical results for the subslab vapor collected on February 7 and 8, 2022, are presented in Table 1 and Figure 3, and the laboratory reports from Enthrapy are in Appendix C.

Only two of the six subslab vapor samples contained VOCs above the commercial/industrial ESLs. Chloroform (140 µg/m3) were detected in SV-006 above its ESL of 18 µg/m3. PCE was detected at 1,000 µg/m3 in SV-010, which exceeds its ESL of 67 µg/m3. Chloroform is a common disinfection by-product measured in drinking water. The detection of chloroform in the subslab samples is likely due to water usage/piping in these commercial spaces and not a source related to the historic dry cleaning operations.

3.3 INDOOR AND OUTDOOR (AMBIENT) AIR RESULTS

The results of the indoor and outdoor (ambient) air samples collected on February 3, 2022, are summarized in Table 2 and Figure 4, and the laboratory reports from Enthrapy are in Appendix C.

Benzene was detected in all six indoor air samples above the commercial/industrial ESL of 0.42 µg/m3 at concentrations from 0.54 to 0.74 µg/m3. However, benzene was also detected in three outdoor air samples at similar concentrations as the indoor air samples from 0.4 to 0.55 µg/m3. Therefore, the detection of benzene in the indoor air samples may be attributable to ambient air sources and not from vapor intrusion.

Bromodichloromethane was detected in five indoor air samples (IA-005, IA-006, IA-007, IA-009, and IA-010) that exceed its commercial/industrial ESL of 0.33 µg/m3 at concentrations from 0.37 to 1.2 µg/m3. Chloroform was detected in all six indoor air samples at 0.68 to 8.3 µg/m3, which exceed the commercial/industrial ESL of 0.53 µg/m3. Bromodichloromethane and chloroform are two common disinfection by-products measured in drinking water. The detection of these compounds in indoor air is likely due to water usage in these commercial spaces.

3.4 SOIL GAS RESULTS

A summary of the analytical results for the subslab soil gas probe samples collected on February 3, 2022, are presented in Table 3 and Figure 3, and the laboratory reports from Enthrapy are in Appendix C. PCE was detected above the residential ESL of 15 µg/m^3 in all soil gas samples at concentrations ranging from 76 µg/m^3 at SG-002-5 (5 feet bgs) to 360 µg/m^3 at SG-002-25 (25 feet bgs).

Other compounds detected in soil gas above residential ESLs were:

- benzene, which was detected in three samples (30 µg/m3 in SG-001-10, 8.8 µg/m3 in SG-001-25, and 17 µg/m3 in SG-002-10) above the ESL of 3.2 µg/m^3;
- bromodichloromethane, which was detected in four samples (25 µg/m3 in SG-001-10, 3.2 µg/m3 in SG-002-5, 57 µg/m3 in SG-002-10, and 5 µg/m3 in SG-002-25) above the ESL of 2.5 µg/m3; and
- chloroform, which was detected in six samples (32 µg/m3 in SG-001-5, 33 µg/m3 SG-200 [duplicate of SG-001-5], 280 µg/m3 in SG-001-10, 9.6 µg/m3 in SG-002-5, 300 µg/m3 in SG-002-10, and 5 µg/m3 in SG-002-25) above the ESL of 4.1 µg/m3.

4 RECOMMENDED NEXT STEPS

The results of subslab vapor samples collected at the Site from 2019 to February 2022 indicate that PCE is present in subslab vapor above the commercial/industrial ESL at the Site (19720 Stevens Creek Boulevard) and adjacent properties. Based on the February 2022 indoor air results, PCE was not detected in indoor air samples collected in adjacent properties. However, WSP recommends periodic indoor air monitoring within the adjacent properties to ensure that there remains no vapor intrusion into these spaces. WSP also recommends implementing appropriate mitigation measures (such as an SSDS) within the footprint of both the Site and adjacent properties to mitigate the potential for vapor intrusion to indoor air. The installation of any mitigation measures would first require development of a Remedial Action Plan or Corrective Action Plan for approval by the SCCDEH.

The closest offsite resident is approximately 50 feet south of the Site. Because PCE concentrations were above the residential ESL in soil gas samples at the southern boundary of the Site (SG-001 and SG-002), WSP recommends preparation of an Indoor Air Response Plan offsite to assess the potential migration of PCE in soil gas and identify possible receptors.

REFERENCES

- AEI Consultants, 2007. Limited Phase II Subsurface Investigation Report, 19720 Stevens Creek Boulevard, Cupertino, California. July.
- AEI Consultants, 2019a. Phase I Environmental Site Assessment, 19720 Stevens Creek Boulevard, Cupertino, Santa Clara County, California. September.
- AEI Consultants, 2019b. Limited Phase II Subsurface Investigation Report, 19720 Stevens Creek Boulevard, Cupertino, Santa Clara County, California. October.
- AEI Consultants, 2020. Additional Site Investigation Report, 19720 Stevens Creek Boulevard, Cupertino, California. February 7.
- California Department of Toxic Substances Control. 2011. Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance). October.
- California Department of Toxic Substances Control, Los Angeles Regional Water Quality Control Board, and San Francisco Regional Water Quality Control Board. 2015. Active Soil Gas Investigations - Advisory. July.
- California Department of Toxic Substances Control and California Water Control Boards. 2020. Public Draft – Supplemental Guidance; Screening and Evaluating Vapor Intrusion. February.
- San Francisco Bay Regional Water Quality Control Board. 2019. Environmental Screening Level (ESL) Workbook. January 24.

ACRONYMS

bgs	below ground surface
COPC	chemical of potential concern
DTSC	Department of Toxic Substances Control
ESL	Environmental Screening Level
in. Hg	inches of mercury
$\mu g/m^3$	micrograms per cubic meter
ml/min	milliliters per minute
PCE	tetrachloroethene
PID	photoionization detector
RWQCB	Regional Water Quality Control Board
SCCDEH	Santa Clara County Department of Environmental Health
SFB	San Francisco Bay
SIM	selective ion monitoring
TCE	trichloroethene
USEPA	U.S. Environmental Protection Agency
VOC	volatile organic compound
WSP	WSP USA Inc.

FIGURES

DWG Name: 314MN2714.000-005

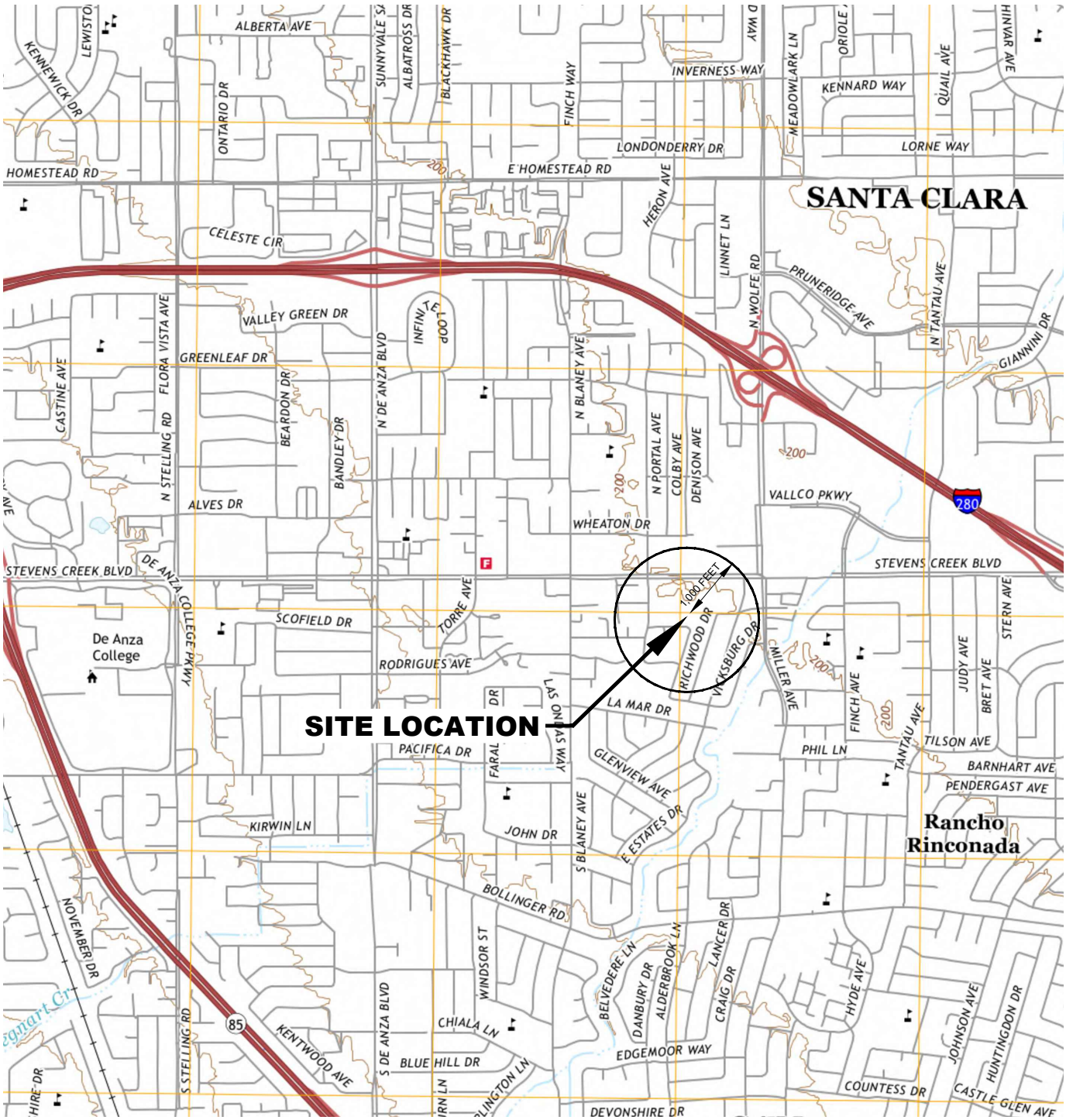
Checked: AM 3/16/2022

Approved:

Drawn By: LS 3/16/2022

A

C:\Users\usls01166\AUTOCADD FILES\EVERSHINE GROUP\31402714.000\CADD\314MN2714.000-005.dwg 3/16/2022 12:41 PM USLS01166



REFERENCE
7.5 MINUTE SERIES TOPOGRAPHIC QUADRANGLE
CUPERTINO, CALIFORNIA 2018

N

0 2,000 4,000
SCALE IN FEET

QUADRANGLE LOCATION

INSET OF SITE
SCALE: 1"=400'

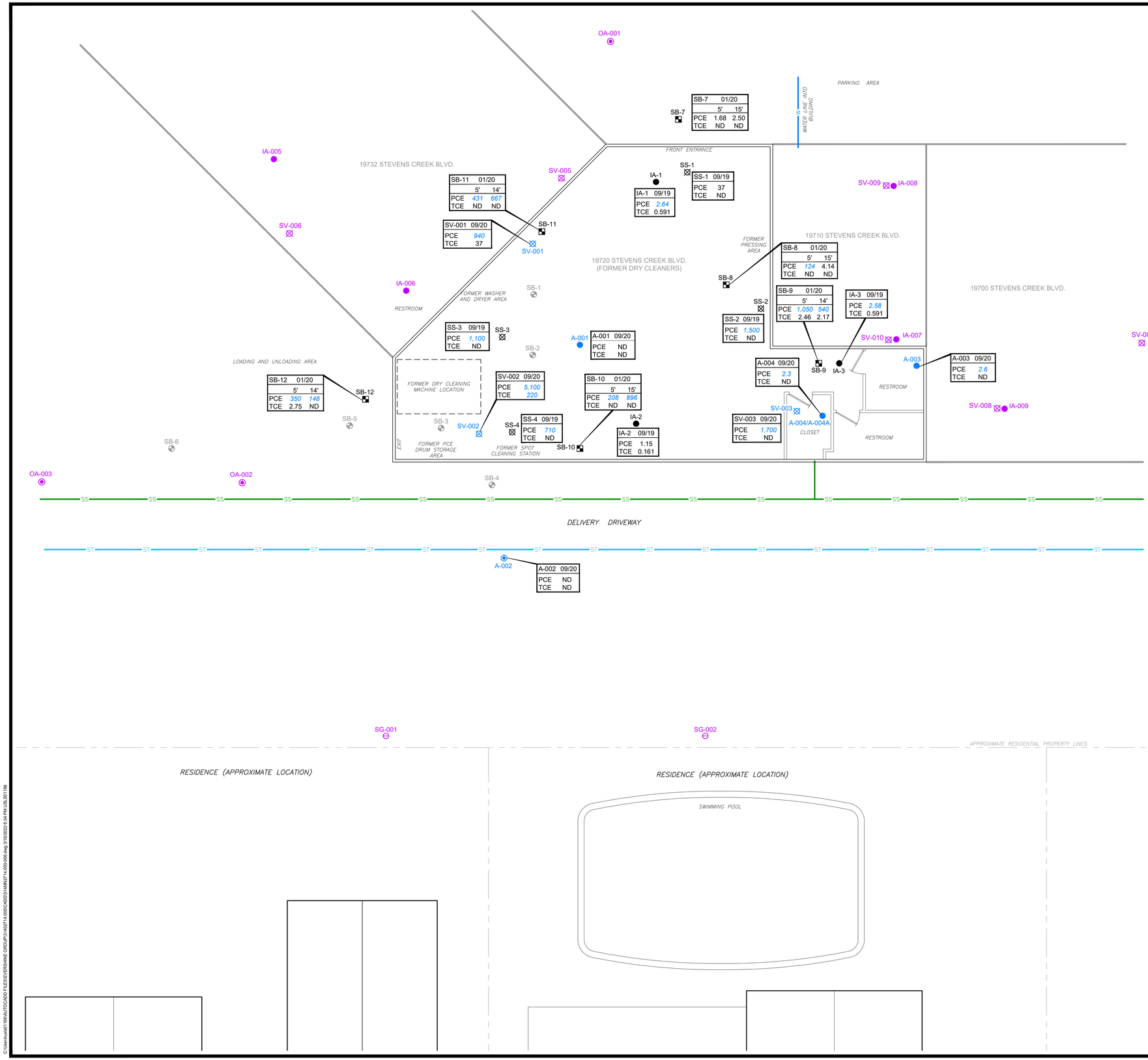
WSP USA Inc.
2025 GATEWAY PLACE
SUITE 348
SAN JOSE, CA 95110
TEL: +1 408.453.6100

Figure 1

SITE LOCATION MAP

19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

PREPARED FOR
EVERSHINE VI, L.P.
CUPERTINO, CALIFORNIA



LEGEND

- SB-2 AEI 2007 SOIL SAMPLE
- IA-2 AEI SEPTEMBER 2019 INDOOR AIR SAMPLE
- SS-2 AEI SEPTEMBER 2019 SUBSLAB VAPOR SAMPLE
- SB-12 AEI JANUARY 2020 SOIL AND SOIL GAS VAPOR SAMPLE
- A-001 WSP SEPTEMBER 2020 INDOOR AIR SAMPLE
- A-002 WSP SEPTEMBER 2020 OUTDOOR AIR SAMPLE
- SV-002 WSP SEPTEMBER 2020 SUBSLAB VAPOR SAMPLE
- SG-002 WSP FEBRUARY 2022 SOIL GAS SAMPLE
- OA-001 WSP FEBRUARY 2022 OUTDOOR AIR SAMPLE
- IA-007 WSP FEBRUARY 2022 INDOOR AIR SAMPLE
- SV-010 WSP FEBRUARY 2022 SUBSLAB VAPOR SAMPLE
- APPROXIMATE TENANT SPACE (FORMER DRY CLEANER)
- W WATER LINE
- SS SANITARY SEWER LINE
- ST STORM SEWER LINE

SB-9 01/20
5' 14'
PCE 1,050 540
TCE 2.46 2.17

- SAMPLE DESIGNATION
- SAMPLING DATE
- SAMPLE DEPTH IN FEET BELOW GROUND SURFACE (SOIL GAS ONLY)
- SAMPLE RESULTS IN MICROGRAMS PER CUBIC METER (ug/m³) – *BLUE ITALIC* EXCEEDS ESL
- ANALYTE

OA OUTDOOR AIR
IA INDOOR AIR
SG SOIL GAS
SS SUBSLAB VAPOR
PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE
ND NOT DETECTED

COMMERCIAL/INDUSTRIAL ESLs		
	INDOOR AIR (ug/m³)	SUBSLAB VAPOR/ SOIL GAS (ug/m³)
PCE	2	67
TCE	3	100

NOTES:

1. SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD ESLs FROM AUGUST 2019 (REV. 2) SUMMARY TABLES.

2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.

REFERENCES:

1. 1. AEI CONSULTANTS DRAWING TITLED, "SITE MAP", FIGURE 3, PROJECT NUMBER: 416637. NOT DATED, SCALE IS APPROXIMATE.

2. 3. CITY OF CUPERTINO PROPERTY INFORMATION SITE (https://gis.cupertino.org/propertyinfo/).

N

0 6 12 18
SCALE IN FEET

THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK & WHITE REPRODUCTION MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.

Drawn By: LS 3/18/2022
Checked: AM 3/18/2022
Approved:
DWG Name: 314MN2714.000-006

19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

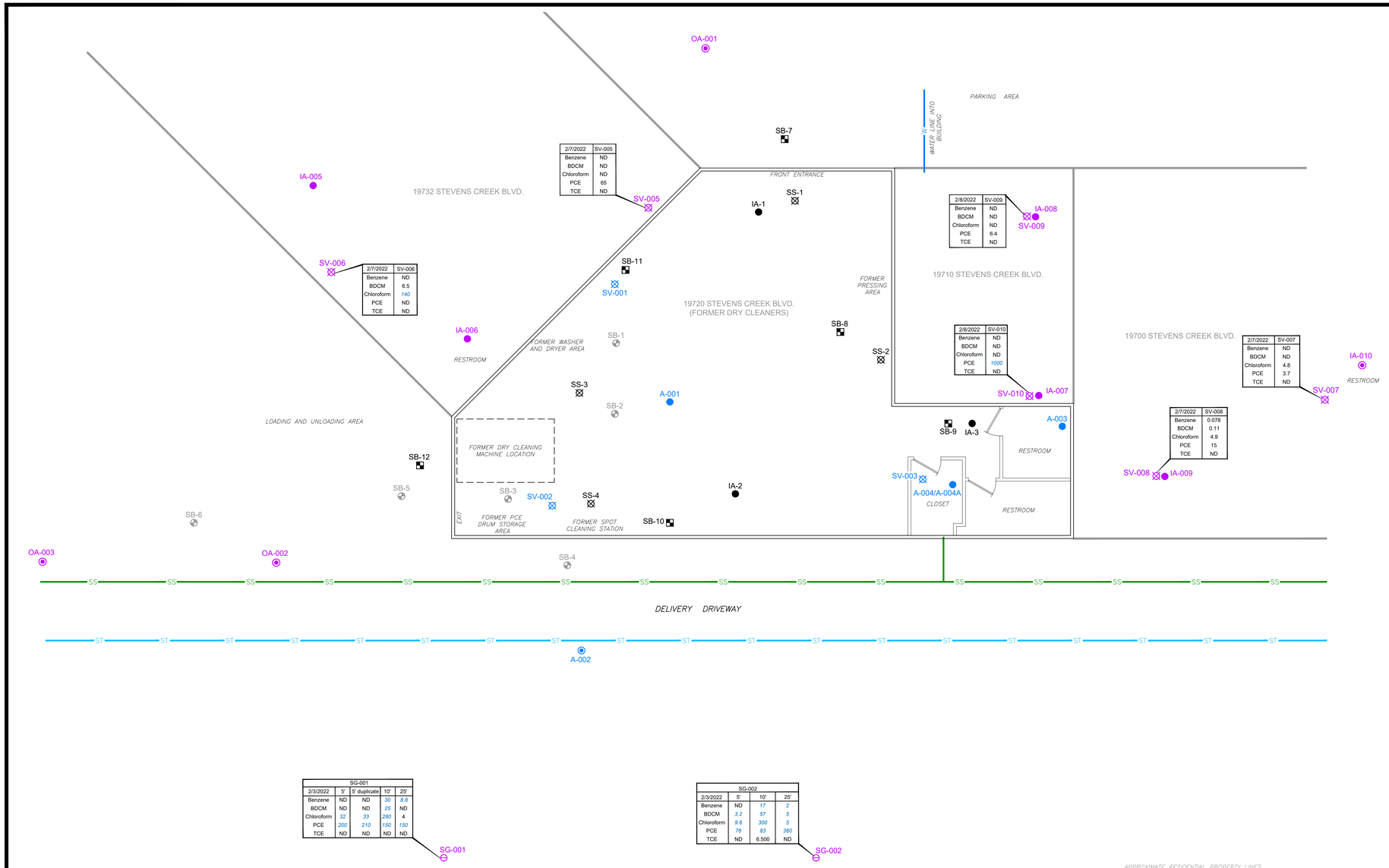
PREPARED FOR
EVERSHINE VI, L.P.
CUPERTINO, CALIFORNIA

Figure 2

SAMPLE LOCATIONS AND HISTORICAL SAMPLE RESULTS

WSP USA Inc.
2025 GATEWAY PLACE
SUITE 348
SAN JOSE, CA 95110
TEL: +1 408.453.6100

C:\Users\sukh118\AUTOCAD\FILES\EVERSHINE GROUP\314MN2714.000\CADD\314MN2714.000-006.dwg 3/18/2022 6:34 PM USLS01106



2/7/2022	SV-005
Benzene	ND
BDCM	ND
Chloroform	ND
PCE	65
TCE	ND

2/7/2022	SV-006
Benzene	ND
BDCM	6.5
Chloroform	*140*
PCE	ND
TCE	ND

2/8/2022	SV-009
Benzene	ND
BDCM	ND
Chloroform	ND
PCE	6.4
TCE	ND

2/8/2022	SV-010
Benzene	ND
BDCM	ND
Chloroform	ND
PCE	*1000*
TCE	ND

2/7/2022	SV-007
Benzene	ND
BDCM	ND
Chloroform	4.8
PCE	3.7
TCE	ND

2/7/2022	SV-008
Benzene	0.078
BDCM	0.11
Chloroform	4.9
PCE	15
TCE	ND

SG-001				
2/3/2022	5'	5' duplicate	10'	25'
Benzene	ND	ND	*30*	*8.8*
BDCM	ND	ND	*25*	ND
Chloroform	*32*	*33*	*280*	4
PCE	*200*	*210*	*150*	*150*
TCE	ND	ND	ND	ND

SG-001

SG-002			
2/3/2022	5'	10'	25'
Benzene	ND	*17*	*2*
BDCM	*3.2*	*57*	*5*
Chloroform	*9.6*	*300*	*5*
PCE	*76*	*83*	*360*
TCE	ND	6.500	ND

SG-002

APPROXIMATE RESIDENTIAL PROPERTY LINES

RESIDENCE (APPROXIMATE LOCATION)

RESIDENCE (APPROXIMATE LOCATION)

SWIMMING POOL

RESIDENCE (APPROXIMATE LOCATION)

LEGEND

- SB-2 AEI 2007 SOIL SAMPLE
- IA-2 AEI SEPTEMBER 2019 INDOOR AIR SAMPLE
- SS-2 AEI SEPTEMBER 2019 SUBSLAB VAPOR SAMPLE
- SB-12 AEI JANUARY 2020 SOIL AND SOIL GAS VAPOR SAMPLE
- A-001 WSP SEPTEMBER 2020 INDOOR AIR SAMPLE
- A-002 WSP SEPTEMBER 2020 OUTDOOR AIR SAMPLE
- SV-002 WSP SEPTEMBER 2020 SUBSLAB VAPOR SAMPLE
- SG-002 WSP FEBRUARY 2022 SOIL GAS SAMPLE
- OA-001 WSP FEBRUARY 2022 OUTDOOR AIR SAMPLE
- IA-007 WSP FEBRUARY 2022 INDOOR AIR SAMPLE
- SV-010 WSP FEBRUARY 2022 SUBSLAB VAPOR SAMPLE
- APPROXIMATE TENANT SPACE (FORMER DRY CLEANER)
- W WATER LINE
- SS SANITARY SEWER LINE
- ST STORM SEWER LINE

2/7/2022	SV-006
Benzene	ND
BDCM	6.5
Chloroform	*140*
PCE	ND
TCE	ND

- SAMPLING DATE
- SAMPLE DESIGNATION
- SAMPLE RESULTS IN MICROGRAMS PER CUBIC METER (ug/m^3) – *BLUE ITALIC* EXCEEDS ESL
- ANALYTE

OA OUTDOOR AIR
IA INDOOR AIR
SG SOIL GAS
SS SUBSLAB VAPOR
PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE
ND NOT DETECTED
ESL ENVIRONMENTAL SCREENING LEVEL
BDCM BROMODICHLOROMETHANE

ANALYTE	SUBSLAB VAPOR COMMERCIA/ INDUSTRIAL ESL (ug/m3)	SOIL GAS RESIDENTIAL ESL (ug/m3)
Benzene	14	3.2
BDCM	11	2.5
Chloroform	18	4.1
PCE	67	15
TCE	100	16

NOTES:

1. 1. SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD ESLs FROM AUGUST 2019 (REV. 2) SUMMARY TABLES.
2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.
3. SUBSLAB VAPOR RESULTS WERE COMPARED TO COMMERCIAL/INDUSTRIAL ESLs AND SOIL GAS RESULTS WERE COMPARED TO RESIDENTIAL ESLs.
4. SAMPLE DEPTH IN FEET BELOW GROUND SURFACE PROVIDED FOR SOIL GAS SAMPLES (SG–001 AND SG–002).

REFERENCES:

1. 1. AEI CONSULTANTS DRAWING TITLED, "SITE MAP", FIGURE 3, PROJECT NUMBER: 416637. NOT DATED, SCALE IS APPROXIMATE.
2. 3. CITY OF CUPERTINO PROPERTY INFORMATION SITE (https://gis.cupertino.org/propertyinfo/).

N

0 6 12 18
SCALE IN FEET

THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK & WHITE REPRODUCTION MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.

Drawn By: LS 3/18/2022
Checked: AM 3/18/2022
Approved:
DWG Name: 314MN2714.000–009

19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

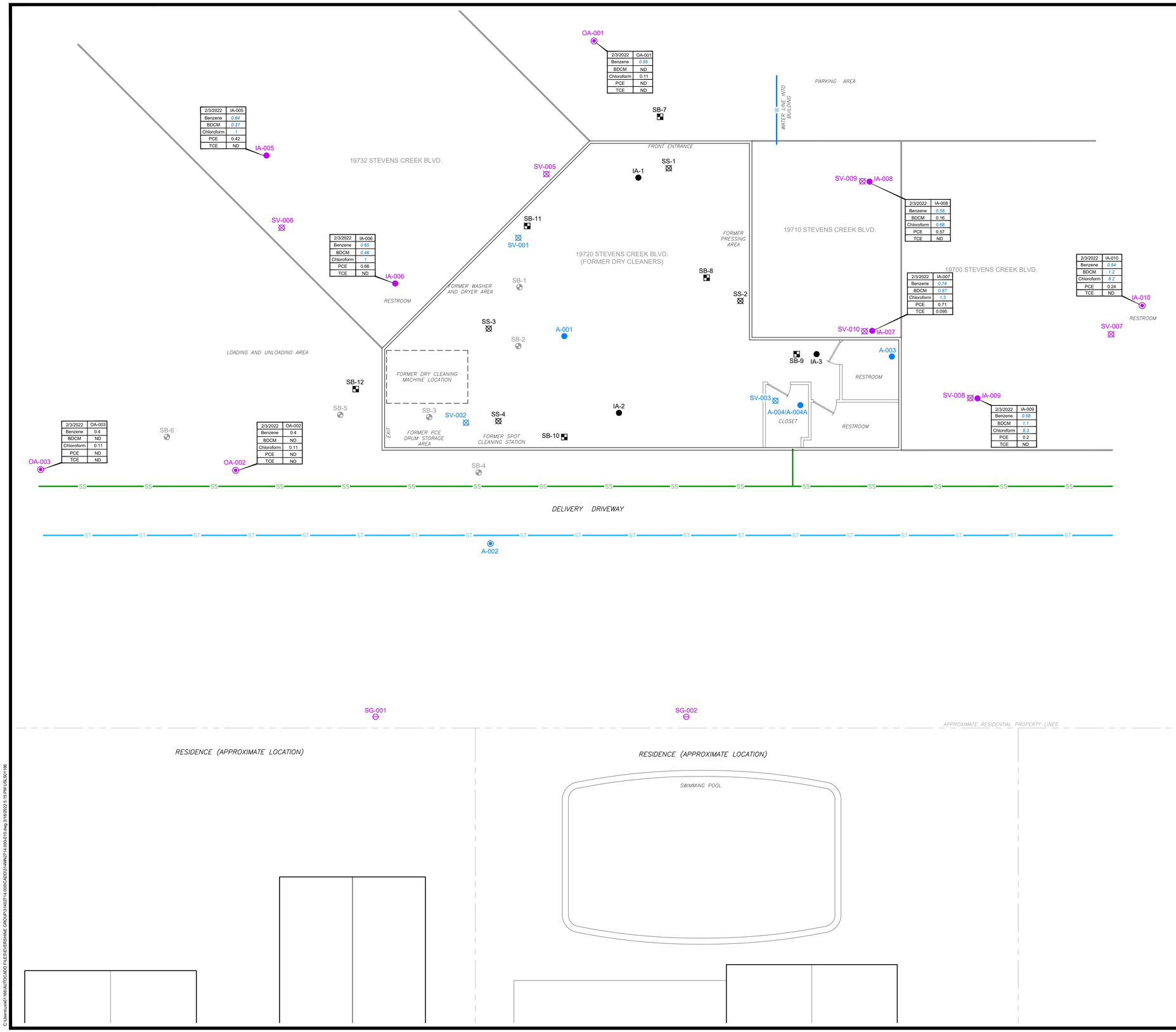
PREPARED FOR
EVERSHINE VI, L.P.
CUPERTINO, CALIFORNIA

Figure 3

SUBSLAB VAPOR ND SOIL GAS RESULTS

WSP USA Inc.
2025 GATEWAY PLACE
SUITE 348
SAN JOSE, CA 95110
TEL: +1 408.453.6100

C:\Users\ecs67169\AUTOCADD FILES\EVERSHINE GROUP\314MN2714.000\CAD\314MN2714.000-009.dwg 3/18/2022 6:43 PM US-SC1166



LEGEND

- SB-2 AEI 2007 SOIL SAMPLE
- IA-2 AEI SEPTEMBER 2019 INDOOR AIR SAMPLE
- SS-2 AEI SEPTEMBER 2019 SUBSLAB VAPOR SAMPLE
- SB-12 AEI JANUARY 2020 SOIL AND SOIL GAS VAPOR SAMPLE
- A-001 WSP SEPTEMBER 2020 INDOOR AIR SAMPLE
- A-002 WSP SEPTEMBER 2020 OUTDOOR AIR SAMPLE
- SV-002 WSP SEPTEMBER 2020 SUBSLAB VAPOR SAMPLE
- SG-002 WSP FEBRUARY 2022 SOIL GAS SAMPLE
- OA-001 WSP FEBRUARY 2022 OUTDOOR AIR SAMPLE
- IA-007 WSP FEBRUARY 2022 INDOOR AIR SAMPLE
- SV-010 WSP FEBRUARY 2022 SUBSLAB VAPOR SAMPLE
- APPROXIMATE TENANT SPACE (FORMER DRY CLEANER)
- W WATER LINE
- SS SANITARY SEWER LINE
- ST STORM SEWER LINE

2/3/2022	IA-010
Benzene	0.54
BDCM	1.2
Chloroform	8.2
PCE	0.24
TCE	ND

- SAMPLING DATE
- SAMPLE DESIGNATION
- SAMPLE RESULTS IN MICROGRAMS PER CUBIC METER (ug/m³) – *BLUE ITALIC* EXCEEDS ESL
- ANALYTE

OA OUTDOOR AIR
IA INDOOR AIR
SG SOIL GAS
SS SUBSLAB VAPOR
PCE TETRACHLOROETHENE
TCE TRICHLOROETHENE
ND NOT DETECTED
ESL ENVIRONMENTAL SCREENING LEVEL
BDCM BROMODICHLOROMETHANE

ANALYTE	INDOOR AIR COMMERCIAL/ INDUSTRIAL ESL (ug/m³)
BENZENE	0.42
BDCM	0.33
CHLOROFORM	0.53
PCE	2
TCE	3

NOTES:

1. SAN FRANCISCO BAY REGIONAL WATER QUALITY CONTROL BOARD ESLs FROM AUGUST 2019 (REV. 2) SUMMARY TABLES.

2. ALL SAMPLE LOCATIONS ARE APPROXIMATE.

REFERENCES:

1. 1. AEI CONSULTANTS DRAWING TITLED, "SITE MAP", FIGURE 3, PROJECT NUMBER: 416637. NOT DATED, SCALE IS APPROXIMATE.

2. 3. CITY OF CUPERTINO PROPERTY INFORMATION SITE (https://gis.cupertino.org/propertyinfo/).

N

0 6 12 18
SCALE IN FEET

THE ORIGINAL VERSION OF THIS DRAWING IS IN COLOR. BLACK & WHITE REPRODUCTION MAY NOT ACCURATELY DEPICT CERTAIN INFORMATION.

Drawn By: LS 3/18/2022
Checked: AM 3/18/2022
Approved:
DWG Name: 314MN2714.000-010

19720 STEVENS CREEK BOULEVARD
CUPERTINO, CALIFORNIA

PREPARED FOR
EVERSHINE VI, L.P.
CUPERTINO, CALIFORNIA

Figure 4

INDOOR AND OUTDOOR (AMBIENT) AIR SAMPLE RESULTS

WSP USA Inc.
2025 GATEWAY PLACE
SUITE 348
SAN JOSE, CA 95110
TEL: +1 408.453.6100

C:\Users\ccad0166\AUTOCADD FILES\EVERSHINE GROUP\314007714.000\CADD\314MN2714.000-010.dwg 3/18/2022 5:15 PM USLSC0166

TABLES

Table 1

Subslab Vapor Results
19720 Stevens Creek Boulevard
Cupertino, California (a)

		Sample Media:	Subslab Vapor					
		Date Collected:	2/7/2022				2/8/2022	
Analyte	CAS No.	Commercial/ Industrial ESL (b)	SV-005	SV-006	SV-007	SV-008	SV-009	SV-010
1,1,1-Trichloroethane	71-55-6	150000	0.16 U	0.16 U	0.16 U	0.16 U	0.31 U	0.62 U
1,1,2,2-Tetrachloroethane	79-34-5	7	0.12 U	0.12 U	0.12 U	0.12 U	0.25 U	0.49 U
1,1,2-Trichloroethane	79-00-5	26	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.64 U
1,1-Dichloroethane	75-34-3	260	0.11 U	0.11 U	0.11 U	0.11 U	0.22 U	0.45 U
1,1-Dichloroethene	75-35-4	10000	0.081 U	0.081 U	0.081 U	0.081 U	0.16 U	0.33 U
1,2,4-Trichlorobenzene	120-82-1	290	0.81 U	0.81 U	0.81 U	0.81 U	1.6 U	3.3 U
1,2,4-Trimethylbenzene	95-63-6	--	0.12 U	2.4	2.8	0.12 U	0.23 U	0.47 U
1,2-Dibromoethane	106-93-4	0.68	0.15 U	0.15 U	0.15 U	0.15 U	0.31 U	0.61 U
1,2-Dichlorobenzene	95-50-1	7000	0.13 U	0.13 U	0.13 U	0.13 U	0.27 U	0.54 U
1,2-Dichloroethane	107-06-2	9.4	0.11 U	0.11 U	0.11 U	0.11 U	0.21 U	0.42 U
1,2-Dichloropropane	78-87-5	41	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U	0.52 U
1,3,5-Trimethylbenzene	108-67-8	--	0.14 U	0.14 U	0.14 U	0.14 U	0.29 U	0.58 U
1,3-Butadiene	106-99-0	--	0.088 U	0.088 U	0.088 U	0.088 U	0.18 U	0.35 U
1,3-Dichlorobenzene	541-73-1	--	0.55 U	0.55 U	0.55 U	0.55 U	1.1 U	2.2 U
1,4-Dichlorobenzene	106-46-7	9.5	0.65 U	0.65 U	0.65 U	0.65 U	1.3 U	2.6 U
1,4-Dioxane	123-91-1	53	0.14 U	0.14 U	0.14 U	0.14 U	3.1	0.55 U
2-Butanone (MEK)	78-93-3	730000	0.14 U	0.14 U	0.14 U	0.14 U	0.28 U	0.55 U
2-Hexanone	591-78-6	--	0.075 U	0.075 U	0.075 U	0.075 U	0.15 U	0.3 U
4-Ethyltoluene	622-96-8	--	0.12 U	0.12 U	0.12 U	0.12 U	0.25 U	0.49 U
4-Methyl-2-Pentanone	108-10-1	440000	0.15 U	0.15 U	0.15 U	0.15 U	0.3 U	0.59 U
Acetone	67-64-1	4500000	16	20	24	21	65	25
Benzene	71-43-2	14	0.078 U	0.078 U	0.078 U	0.078 U	0.16 U	0.31 U
Benzyl chloride	100-44-7	--	0.66 U	0.66 U	0.66 U	0.66 U	1.3 U	2.7 U
Bromodichloromethane	75-27-4	11	0.11 U	6.5	0.11 U	0.11 U	0.21 U	0.43 U
Bromofluorobenzene	460-00-4	--	111	111	111	110	110	111
Bromoform	75-25-2	85	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	1.1 U
Bromomethane	74-83-9	170	0.34 U	0.34 U	0.34 U	0.34 U	0.69 U	1.4 U
Carbon Disulfide	75-15-0	--	0.054 U	0.054 U	0.054 U	0.054 U	0.11 U	0.22 U
Carbon Tetrachloride	56-23-5	68	0.13 U	0.13 U	0.13 U	0.13 U	0.26 U	0.53 U
Chlorobenzene	108-90-7	1700	0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.4 U
Chloroethane	75-00-3	350000	0.27 U	0.27 U	0.27 U	0.27 U	0.54 U	1.1 U
Chloroform	67-66-3	18	0.14 U	140	4.8	4.9	0.28 U	0.56 U

Table 1

Subslab Vapor Results
19720 Stevens Creek Boulevard
Cupertino, California (a)

		Sample Media:	Subslab Vapor					
		Date Collected:	2/7/2022				2/8/2022	
Analyte	CAS No.	Commercial/ Industrial ESL (b)	SV-005	SV-006	SV-007	SV-008	SV-009	SV-010
Chloromethane	74-87-3	3100	0.13 U	0.13 U	0.13 U	0.13 U	0.27 U	0.54 U
cis-1,2-Dichloroethene	156-59-2	1200	0.095 U	0.095 U	0.095 U	0.095 U	0.19 U	0.38 U
cis-1,3-Dichloropropene	10061-01-5	--	0.16 U	0.16 U	0.16 U	0.16 U	0.32 U	0.64 U
Cyclohexane	110-82-7	--	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.8 U
Dibromochloromethane	124-48-1	--	0.092 U	0.092 U	0.092 U	0.092 U	0.18 U	0.37 U
Ethyl Acetate	141-78-6	--	0.15 U	0.15 U	0.15 U	0.15 U	0.3 U	0.61 U
Ethylbenzene	100-41-4	160	0.091 U	0.091 U	0.091 U	0.091 U	0.18 U	0.36 U
Freon 113	76-13-1	--	0.18 U	0.18 U	0.18 U	0.18 U	0.36 U	0.72 U
Freon 114	76-14-2	--	0.37 U	0.37 U	0.37 U	0.37 U	0.73 U	1.5 U
Freon 12	75-71-8	--	2.4	2.7	2.6	2.6	1.2 U	2.4 U
Helium	7440-59-7	--	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	87-68-3	5.3	1.5 U	1.5 U	1.5 U	1.5 U	3 U	5.9 U
Isopropanol (IPA)	67-63-0	--	26	53	59	32	27	27
m,p-Xylenes	179601-23-1	--	5.8	5.9	7	4.5	0.76 U	1.5 U
Methylene Chloride	75-09-2	410	0.097 U	0.097 U	0.097 U	0.097 U	0.19 U	0.39 U
MTBE	1634-04-4	1600	0.12 U	0.12 U	0.12 U	0.12 U	0.25 U	0.5 U
Naphthalene	91-20-3	12	0.69 U	0.69 U	0.69 U	0.69 U	1.4 U	2.8 U
n-Heptane	142-82-5	--	0.12 U	0.12 U	0.12 U	0.12 U	0.24 U	0.47 U
n-Hexane	110-54-3	--	0.13 U	0.13 U	0.13 U	0.13 U	0.25 U	0.51 U
o-Xylene	95-47-6	--	1.8	1.8	2.1	0.21 U	0.42 U	0.84 U
Propylene	115-07-1	--	0.2 U	0.2 U	0.2 U	0.2 U	0.41 U	0.82 U
Styrene	100-42-5	130000	0.1 U	0.1 U	0.1 U	0.1 U	0.21 U	0.41 U
Tetrachloroethene	127-18-4	67	65	0.23 U	3.7	15	6.4	1000
Toluene	108-88-3	44000	5.3	4	4.7	3.3	4.8	8.1
trans-1,2-Dichloroethene	156-60-5	12000	0.1 U	0.1 U	0.1 U	0.1 U	0.21 U	0.41 U
trans-1,3-Dichloropropene	10061-02-6	--	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.8 U
Trichloroethene	79-01-6	100	0.17 U	0.17 U	0.17 U	0.17 U	0.34 U	0.68 U
Trichlorofluoromethane	75-69-4	--	0.3 U	0.3 U	0.3 U	0.3 U	0.59 U	1.2 U
Vinyl Acetate	108-05-4	--	0.12 U	0.12 U	0.12 U	0.12 U	0.23 U	0.46 U
Vinyl Chloride	75-01-4	5.2	0.21 U	0.21 U	0.21 U	0.21 U	0.43 U	0.85 U

a/ U = compound was not detected above the laboratory reporting limit shown; CAS No. = Chemical Abstracts Service Registry Number; ESL =environmental screening level.

b/ Table SG-1: Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Levels assuming a commercial/industrial exposure scenario. (San Francisco Bay Regional Water Quality Control Board 2019)

Value = exceeds Commercial/Industrial ESL

Value = the laboratory reporting limit exceeds applicable ESL

Table 2

Indoor and Outdoor (Ambient) Air Results
19720 Stevens Creek Boulevard
Cupertino, California (a)

		Sample Media:	Indoor Air						Outdoor Air		
		Date Collected:	2/3/2022								
Analyte	CAS No.	Commercial/ Industrial ESL (b)	IA-005	IA-006	IA-007	IA-008	IA-009	IA-010	OA-001	OA-002	OA-003
1,1,1-Trichloroethane	71-55-6	4400	0.011 U	0.011 U	0.013 U	0.013 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
1,1,2-Trichloroethane	79-00-5	0.77	0.011 U	0.011 U	0.013 U	0.013 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
1,1-Dichloroethane	75-34-3	7.7	0.0081 U	0.0081 U	0.0097 U	0.0097 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U	0.0081 U
1,1-Dichloroethene	75-35-4	310	0.0079 U	0.0079 U	0.0095 U	0.0095 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
1,2,4-Trichlorobenzene	120-82-1	8.8	0.015 U	0.015 U	0.018 U	0.018 U	0.015 U	0.015 U	0.015 U	0.015 U	0.015 U
1,2,4-Trimethylbenzene	95-63-6	--	0.27	0.26	0.34	0.26	0.22	0.16	0.098	0.091	0.096
1,2-Dibromoethane	106-93-4	0.02	0.0043 U	0.0043 U	0.0051 U	0.0051 U	0.0043 U	0.0043 U	0.0043 U	0.0043 U	0.0043 U
1,2-Dichlorobenzene	95-50-1	880	0.012 U	0.012 U	0.014 U	0.014 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
1,2-Dichloroethane	107-06-2	0.47	0.076	0.072	0.068	0.07	0.068	0.072	0.067	0.066	0.067
1,2-Dichloropropane	78-87-5	1.2	0.0092 U	0.0092 U	0.011 U	0.011 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
1,3,5-Trimethylbenzene	108-67-8	--	0.077	0.077	0.095	0.072	0.061	0.052	0.0098 U	0.0098 U	0.0098 U
1,3-Butadiene	106-99-0	--	0.094	0.099	0.085	0.063	0.06	0.057	0.044	0.028	0.029
1,3-Dichlorobenzene	541-73-1	--	0.012 U	0.012 U	0.014 U	0.014 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
1,4-Dichlorobenzene	106-46-7	1.1	0.084	0.062	0.014 U	0.014 U	0.012 U	0.012 U	0.012 U	0.012 U	0.012 U
1,4-Dioxane	123-91-1	1.6	0.0072 U	0.0072 U	0.0086 U	0.0086 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U	0.0072 U
2,2,4-Trimethylpentane	540-84-1	--	0.33	0.35	0.51	0.51	0.42	0.43	0.35	0.2	0.21
2-Chlorotoluene	95-49-8	--	0.01 U	0.01 U	0.082	0.012 U	0.94	0.59	0.01 U	0.01 U	0.01 U
4-Ethyltoluene	622-96-8	--	0.085	0.076	0.11	0.089	0.084	0.088	0.0098 U	0.0098 U	0.0098 U
Benzene	71-43-2	0.42	0.64	0.65	0.74	0.58	0.58	0.54	0.55	0.4	0.4
Benzyl chloride	100-44-7	--	0.075	0.01 U	0.012 U	0.012 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bromodichloromethane	75-27-4	0.33	0.37	0.46	0.57	0.16	1.1	1.2	0.013 U	0.013 U	0.013 U
Bromofluorobenzene	460-00-4	--	99	99	98	99	96	97	98	98	97
Bromoform	75-25-2	11	0.021 U	0.021 U	0.13	0.025 U	0.2	0.2	0.021 U	0.021 U	0.021 U
Bromomethane	74-83-9	22	0.0078 U	0.0078 U	0.0093 U	0.0093 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U	0.0078 U
Carbon Tetrachloride	56-23-5	2	0.5	0.49	0.48	0.48	0.5	0.5	0.48	0.48	0.49
Chlorobenzene	108-90-7	220	0.0092 U	0.0092 U	0.011 U	0.011 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U	0.0092 U
Chloroethane	75-00-3	44000	0.0053 U	0.044	0.0063 U	0.0063 U	0.0053 U	0.028	0.0053 U	0.0053 U	0.0053 U
Chloroform	67-66-3	0.53	1	1	1.3	0.68	8.3	8.2	0.11	0.11	0.11
Chloromethane	74-87-3	390	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
cis-1,2-Dichloroethene	156-59-2	35	0.0079 U	0.0079 U	0.0095 U	0.0095 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
cis-1,3-Dichloropropene	10061-01-5	--	0.0091 U	0.0091 U	0.011 U	0.011 U	0.0091 U	0.0091 U	0.0091 U	0.0091 U	0.0091 U
Dibromochloromethane	124-48-1	--	0.35	0.42	0.53	0.14	0.95	0.97	0.017 U	0.017 U	0.017 U
Ethylbenzene	100-41-4	4.9	0.21	0.21	0.29	0.23	0.21	0.2	0.16	0.1	0.11
Freon 113	76-13-1	--	0.5	0.5	0.51	0.5	0.49	0.49	0.5	0.49	0.5
Freon 114	76-14-2	--	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Freon 12	75-71-8	--	2.2	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2
Hexachlorobutadiene	87-68-3	0.56	0.021 U	0.021 U	0.026 U	0.026 U	0.021 U	0.021 U	0.021 U	0.021 U	0.021 U
Isopropylbenzene	98-82-8	--	0.0098 U	0.0098 U	0.012 U	0.012 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U
m,p-Xylenes	179601-23-1	--	0.62	0.63	0.88	0.65	0.6	0.58	0.45	0.28	0.29
Methylene Chloride	75-09-2	12	1.7	1.6	2.2	0.66	0.98	1.1	1.5	0.89	0.63
Naphthalene	91-20-3	0.36	0.066	0.01 U	0.013 U	0.013 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
o-Xylene	95-47-6	--	0.24	0.24	0.34	0.26	0.22	0.22	0.18	0.11	0.12
Propylbenzene	103-65-1	--	0.053	0.0098 U	0.059	0.012 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U	0.0098 U

Table 2

Indoor and Outdoor (Ambient) Air Results
19720 Stevens Creek Boulevard
Cupertino, California (a)

		Sample Media:	**Indoor Air**						**Outdoor Air**		
		Date Collected:	**2/3/2022**								
Analyte	**CAS No.**	**Commercial/ Industrial ESL (b)**	**IA-005**	**IA-006**	**IA-007**	**IA-008**	**IA-009**	**IA-010**	**OA-001**	**OA-002**	**OA-003**
Styrene	100-42-5	3900	0.22	0.16	0.24	0.11	0.16	0.15	0.0085 U	0.0085 U	0.0085 U
Tetrachloroethene	127-18-4	2	0.42	0.66	0.71	0.57	0.2	0.24	0.014 U	0.014 U	0.014 U
Toluene	108-88-3	1300	1	1	1.8	1.2	1.2	1.1	0.81	0.5	0.52
trans-1,2-Dichloroethene	156-60-5	350	0.0079 U	0.0079 U	0.0095 U	0.0095 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
trans-1,3-Dichloropropene	10061-02-6	--	0.0091 U	0.0091 U	0.011 U	0.011 U	0.0091 U	0.0091 U	0.0091 U	0.0091 U	0.0091 U
Trichloroethene	79-01-6	3	0.011 U	0.011 U	0.095	0.013 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U
Trichlorofluoromethane	75-69-4	--	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2
Vinyl bromide	593-60-2	--	0.0087 U	0.0087 U	0.01 U	0.01 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U	0.0087 U
Vinyl Chloride	75-01-4	0.16	0.001 U	0.001 U	0.0012 U	0.0012 U	0.029	0.028	0.001 U	0.001 U	0.001 U
Total Xylenes	1330-20-7	440	0.86	0.87	1.2	0.92	0.82	0.8	0.63	0.39	0.41

a/ U = compound was not detected above the laboratory reporting limit shown; CAS No. = Chemical Abstracts Service Registry Number;
ESL =environmental screening level.
b/ Table IA-1: Indoor Air Direct Exposure Human Health Risk Screening Levels for indoor air assuming a commercial/industrial exposure scenario.
(San Francisco Bay Regional Water Quality Control Board 2019)
Value = exceeds Commercial/Industrial ESL

Table 3

Soil Gas Results
19720 Stevens Creek Boulevard
Cupatino, California (a)

		Sample Media:	Soil Gas						
		Date Collected:	2/3/2022						
Analyte	**CAS No.**	**Residential ESL (b)**	**SG-001-5**	**SG-200 (c)**	**SG-001-10**	**SG-001-25**	**SG-002-5**	**SG-002-10**	**SG-002-25**
1,1,1-Trichloroethane	71-55-6	35000	0.14 U	0.14 U	1.1 U	0.14 U	0.14 U	0.31 U	0.16 U
1,1,2,2-Tetrachloroethane	79-34-5	1.60	0.11 U	0.11 U	0.89 U	0.11 U	0.11 U	0.25 U	0.12 U
1,1,2-Trichloroethane	79-00-5	5.80	0.14 U	0.14 U	1.1 U	0.14 U	0.14 U	0.32 U	0.16 U
1,1-Dichloroethane	75-34-3	58	0.1 U	0.1 U	0.8 U	0.1 U	0.1 U	0.22 U	0.11 U
1,1-Dichloroethene	75-35-4	2400	0.073 U	0.073 U	0.59 U	0.073 U	0.073 U	0.16 U	0.081 U
1,2,4-Trichlorobenzene	120-82-1	70	0.73 U	0.73 U	5.9 U	0.73 U	0.73 U	1.6 U	0.81 U
1,2,4-Trimethylbenzene	95-63-6	--	0.11 U	0.11 U	0.84 U	2	0.11 U	0.23 U	3
1,2-Dibromoethane	106-93-4	0.16	0.14 U	0.14 U	1.1 U	0.14 U	0.14 U	0.31 U	0.15 U
1,2-Dichlorobenzene	95-50-1	7000	0.12 U	0.12 U	0.96 U	0.12 U	0.12 U	0.27 U	0.13 U
1,2-Dichloroethane	107-06-2	9.4	0.095 U	0.095 U	0.76 U	0.095 U	0.095 U	0.21 U	0.11 U
1,2-Dichloropropane	78-87-5	9.4	0.12 U	0.12 U	0.93 U	0.12 U	0.12 U	0.26 U	0.13 U
1,3,5-Trimethylbenzene	108-67-8	--	0.13 U	0.13 U	1 U	0.13 U	0.13 U	0.29 U	2.1
1,3-Butadiene	106-99-0	--	0.079 U	0.079 U	0.64 U	0.079 U	0.079 U	0.18 U	0.088 U
1,3-Dichlorobenzene	541-73-1	--	0.5 U	0.5 U	4 U	0.5 U	0.5 U	1.1 U	0.55 U
1,4-Dichlorobenzene	106-46-7	8.5	0.59 U	0.59 U	4.7 U	0.59 U	0.59 U	1.3 U	0.65 U
1,4-Dioxane	123-91-1	12	0.12 U	0.12 U	0.99 U	0.12 U	0.12 U	0.28 U	0.14 U
2-Butanone (MEK)	78-93-3	170000	0.12 U	0.12 U	0.99 U	0.12 U	0.12 U	20	0.14 U
2-Hexanone	591-78-6	--	0.068 U	0.068 U	0.54 U	0.068 U	0.068 U	0.15 U	0.075 U
4-Ethyltoluene	622-96-8	--	0.11 U	0.11 U	0.88 U	0.11 U	0.11 U	0.25 U	0.12 U
4-Methyl-2-Pentanone	108-10-1	100000	0.13 U	0.13 U	1.1 U	0.13 U	0.13 U	0.3 U	0.15 U
Acetone	67-64-1	1100000	8.1	10	170	23	20	100	21
Benzene	71-43-2	3.20	0.07 U	0.07 U	30	8.8	0.07 U	17	2
Benzyl chloride	100-44-7	--	0.6 U	0.6 U	4.8 U	0.6 U	0.6 U	1.3 U	0.66 U
Bromodichloromethane	75-27-4	2.5	0.096 U	0.096 U	25	0.096 U	3.2	57	5
Bromofluorobenzene	460-00-4	--	111	112	91	111	112	93	112
Bromoform	75-25-2	85	0.24 U	0.24 U	1.9 U	0.24 U	0.24 U	0.54 U	0.27 U
Bromomethane	74-83-9	170	0.31 U	0.31 U	2.5 U	0.31 U	0.31 U	0.69 U	0.34 U
Carbon Disulfide	75-15-0	--	0.049 U	0.049 U	42	3.6	0.049 U	19	0.054 U
Carbon Tetrachloride	56-23-5	16	0.12 U	0.12 U	0.95 U	0.12 U	0.12 U	0.26 U	0.13 U
Chlorobenzene	108-90-7	1700	0.09 U	0.09 U	0.72 U	0.09 U	0.09 U	0.2 U	0.1 U
Chloroethane	75-00-3	350000	0.24 U	0.24 U	1.9 U	0.24 U	0.24 U	0.54 U	0.27 U
Chloroform	67-66-3	4.1	32	33	280	4	9.6	300	5

Table 3

Soil Gas Results
19720 Stevens Creek Boulevard
Cupatino, California (a)

		Sample Media:	Soil Gas						
		Date Collected:	2/3/2022						
Analyte	**CAS No.**	**Residential ESL (b)**	**SG-001-5**	**SG-200 (c)**	**SG-001-10**	**SG-001-25**	**SG-002-5**	**SG-002-10**	**SG-002-25**
Chloromethane	74-87-3	3100	0.12 U	0.12 U	0.97 U	0.12 U	0.12 U	0.27 U	0.13 U
cis-1,2-Dichloroethene	156-59-2	280	0.086 U	0.086 U	0.69 U	0.086 U	0.086 U	0.19 U	0.095 U
cis-1,3-Dichloropropene	10061-01-5	--	0.14 U	0.14 U	1.2 U	0.14 U	0.14 U	0.32 U	0.16 U
Cyclohexane	110-82-7	--	4	4	230	15	0.18 U	67	3.9
Dibromochloromethane	124-48-1	--	0.083 U	0.083 U	0.66 U	0.083 U	0.083 U	0.18 U	0.092 U
Ethyl Acetate	141-78-6	--	12	0.14 U	1.1 U	0.14 U	0.14 U	17	0.15 U
Ethylbenzene	100-41-4	37	0.082 U	0.082 U	0.65 U	1.7	0.082 U	0.18 U	2
Freon 113	76-13-1	--	0.16 U	0.16 U	1.3 U	0.16 U	0.16 U	0.36 U	0.18 U
Freon 114	76-14-2	--	0.33 U	0.33 U	2.6 U	0.33 U	0.33 U	0.73 U	0.37 U
Freon 12	75-71-8	--	2.4	2.4	4.3 U	1.8	2.3	1.2 U	2
Helium	7440-59-7	--	0.67	0.18 U	9.5	0.18 U	0.18 U	0.24	0.2 U
Hexachlorobutadiene	87-68-3	4.3	1.3 U	1.3 U	11 U	1.3 U	1.3 U	3 U	1.5 U
Isopropanol (IPA)	67-63-0	--	43	52	58	190	82	85	130
m,p-Xylenes	179601-23-1	--	0.34 U	0.34 U	2.7 U	8.6	0.34 U	10	10
Methylene Chloride	75-09-2	34	1.5	0.087 U	0.7 U	0.087 U	0.087 U	0.19 U	0.097 U
MTBE	1634-04-4	360	0.11 U	0.11 U	0.89 U	0.11 U	0.11 U	0.25 U	0.12 U
Naphthalene	91-20-3	2.8	0.63 U	0.63 U	5 U	0.63 U	0.63 U	1.4 U	0.69 U
n-Heptane	142-82-5	--	2.8	3.8	370	52	2.1	85	9.2
n-Hexane	110-54-3	--	6.8	9.8	530	40	0.11 U	110	4.7
o-Xylene	95-47-6	--	0.19 U	0.19 U	16	3.1	0.19 U	5.8	4.1
Propylene	115-07-1	--	0.18 U	0.18 U	5600	19	0.18 U	1100	2.9
Styrene	100-42-5	31000	0.093 U	0.093 U	0.75 U	0.093 U	0.093 U	0.21 U	0.1 U
Tetrachloroethene	127-18-4	15	200	210	150	150	76	83	360
Toluene	108-88-3	10000	2.4	2.3	32	15	1.8	22	9.2
trans-1,2-Dichloroethene	156-60-5	2800	0.093 U	0.093 U	0.75 U	0.093 U	0.093 U	0.21 U	0.1 U
trans-1,3-Dichloropropene	10061-02-6	--	0.18 U	0.18 U	1.4 U	0.18 U	0.18 U	0.4 U	0.2 U
Trichloroethene	79-01-6	16	0.15 U	0.15 U	1.2 U	0.15 U	0.15 U	6.5	0.17 U
Trichlorofluoromethane	75-69-4	--	0.27 U	0.27 U	2.1 U	0.27 U	0.27 U	0.59 U	0.3 U
Vinyl Acetate	108-05-4	--	0.1 U	0.1 U	0.83 U	0.1 U	0.1 U	0.23 U	0.12 U
Vinyl Chloride	75-01-4	0.32	0.19 U	0.19 U	1.5 U	0.19 U	0.19 U	0.43 U	0.21 U

a/ U = compound was not detected above the laboratory reporting limit shown; CAS No. = Chemical Abstracts Service Registry Number; ESL =environmental screening level.

b/ Table SG-1: Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Levels assuming a residential exposure scenario. (San Francisco Bay Regional Water Quality Control Board 2019)

Value = exceeds Residential ESL

Value = the laboratory reporting limit exceeds applicable ESL

c/ SG-200 is a duplicate sample of SG-001-5.

APPENDIX

A HISTORICAL SAMPLING RESULTS

Appendix A

AEI 2019 Sampling Results
VOCs - Indoor Air Samples
19720 Stevens Creek Blvd, Cupertino, California

	Date Collected:	**09/21/19**		
	Sample Media:	**Indoor Air**		
Analyte (µg/m3)	**Commercial /Industrial ESL***	**IA-1**	**IA-2**	**IA-3**
Acetone	140,000	40.2	23.8	39
tert-Butanol	--	7.58	4.85	4.55
Chloroform	0.53	**2.1**	**1.07**	**2.44**
Hexane	--	47.5	10.6	4.58
2-Propanol	--	23.4	12.1	23.4
PCE	2	**2.64**	1.15	**2.58**
Benzene	0.42	**0.606**	**0.479**	**0.574**
Toluene	1,300	6.79	3.77	1.7
Ethylbenzene	4.9	0.347	0.26	0.26
m,p-Xylenes	440	1.17	0.868	0.955
o-Xylenes	440	0.477	0.347	0.391
TCE	3	0.591	0.161	0.591
trans-1,2-DCE	350	<0.0198	0.0396	<0.00372
Vinyl Chloride	0.16	0.0256	0.0256	0.0256
Bromodichloro-methane	0.33	0.201	0.134	0.201
Bromo-methane	22	0.0776	0.0388	0.388
1,3-Butadiene	--	0.133	0.0884	0.0884
2-Butanone	22,000	2.95	2.07	2.66
Carbon disulfide	--	0.249	0.156	0.218
Carbon Tetrachloride	2	0.755	0.692	0.692
Chlorobenzene	220	0.046	0.046	0.046
Chloroethane	44,000	0.0528	0.0264	0.0264
Chloromethane	390	9.73	<0.00865	7.25
Dibromochloro-methane	--	0.0852	0.0852	0.0852
1,2-Dichlorobenzene	880	0.0601	0.18	<0.00565
1,3-Dichlorobenzene	--	0.0601	0.12	<0.00565
1,4-Dichlorobenzene	1.1	0.24	**1.14**	0.18
Dichlorodifluoro-methane	--	1.29	2.08	1.34
1,1-Dichloroethane	7.7	0.486	0.162	0.0405
1,2-Dichloroethane	0.47	0.081	0.081	0.081
1,1-Dichloroethene	310	0.159	0.119	0.159
1,2-Dichloropropane	0.77	0.139	0.0924	0.0462
trans-1,3-Dichloropropene	--	0.0908	<0.004	<0.004
Diisopropylether	--	0.0836	0.0418	0.0836
1,4-Dioxane	1.6	1.51	0.972	1.58
ETBE	--	0.293	0.0836	0.209
EthylAcetate	--	6.12	3.6	6.41
4-Ethyltoluene	--	1.57	0.886	1.33
Freon113	--	0.766	0.689	0.689
Methylene Chloride	12	0.555	0.972	0.416
MTBE	47	0.0722	0.0361	0.0361
Naphthalene	0.36	**0.838**	**2.04**	**0.681**
Styrene	3,900	1.32	0.639	2.56
TAME	--	0.0836	0.0418	0.0836
1,1,2,2-tetrachloroethane	0.21	0.481	0.55	0.344
Tetrahydrofuran	--	2.18	1.27	1.48

Appendix A

AEI 2019 Sampling Results
VOCs - Indoor Air Samples
19720 Stevens Creek Blvd, Cupertino, California

	Date Collected:	**09/21/19**		
	Sample Media:	**Indoor Air**		
Analyte (µg/m3)	**Commercial /Industrial ESL***	**IA-1**	**IA-2**	**IA-3**
1,2,4-Trichlorobenzene	8.8	0.297	1.11	0.148
1,1,1-Trichloroethane	4,400	0.0546	0.0546	0.0546
1,1,2-Trichloroethane	0.77	**2.73**	**1.26**	0.218
Trichlorofluoro-methane	--	1.74	1.74	1.63
1,2,4-Trimethylbenze	--	2.76	1.43	2.31
1,3,5-Trimethylbenze	--	0.689	0.394	0.59
Vinyl Acetate	--	0.282	0.0704	0.211
Bromoform	11	0.103	0.103	0.103
Hexachlorobutadiene	0.56	<0.106	**0.747**	<0.106
Remaining VOCs	various	<RL	<RL	<RL

Notes:

µg/m^3 = micrograms per cubic meter
RL = laboratory reporting limit
< = less than the laboratory reporting limit
NA = not analyzed
bgs = below ground surface
-- = not established
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
ETBE = Ethyl tert-butyl ether
MTBE = Methyl tert-butyl ether
TAME = Tert-amyl methyl ether
ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, 2019 (units in µg/m^3)
* Table IA-1: Indoor Air Direct Exposure Human Health Risk Screening Levels for indoor air assuming a commercial/industrial exposure scenario.
bold result = exceeds Commercial/Industrial ESL

Appendix A

AEI 2020 Sampling Results
VOCs - Soil Gas Samples
19720 Stevens Creek Blvd, Cupertino, California

Date Collected:		**01/02/20**											
Sample Media:		**Soil Gas**											
Analyte (µg/m3)	**Commercial /Industrial ESL***	**SB-7-5**	**SB-7-15**	**SB-8-5**	**SB-8-15**	**SB-9-5**	**SB-9-14**	**SB-10-5**	**SB-10-15**	**SB-11-5**	**SB-11-14**	**SB-12-5**	**SB-12-14**
PCE	67	1.68	2.5	**124**	4.14	**1,050**	**540**	**208**	**896**	**431**	**667**	**350**	**148**
TCE	100	<1.07	<1.07	<1.07	<1.07	2.46	2.17	<1.07	<1.07	<1.07	<1.07	2.75	<1.07
cis-1,2-DCE	1,200	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
Vinyl Chloride	5.2	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511

Notes:

a/ depth of each sample collected indicated by "-#" in the sample ID (i.e. SB-7-5 was collected from SB-7 at a depth of 5' bgs, SB-8-15 was collected from SB-8 at a depth of 15' bgs).

µg/m^3 = micrograms per cubic meter
< = less than the laboratory reporting limit shown
bgs = below ground surface
cis-1,2-DCE = cis-1,2-Dichloroethene
PCE = Tetrachloroethene
TCE = Trichlorethene
ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, 2019 (units in µg/m^3)
*Table SG-1: Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Levels assuming a commercial/industrial exposure scenario.
bold result = exceeds Commercial/Industrial ESL

Appendix A

AEI 2019 Sampling Results
VOCs - Sub-Slab Vapor Samples
19720 Stevens Creek Blvd, Cupertino, California

Analyte (µg/m3)	Date Collected:	09/26/19			
	Sample Media:	Subslab Vapor			
	Commercial/ Industrial ESL*	SS-1	SS-2	SS-3	SS-4
Acetone	4,500,000	160	<120	<71	<120
tert-Butanol	--	20	<15	<9.1	<15
Chloroform	18	10	<24	<15	<24
Hexane	--	11	200	<11	72
2-Propanol	--	430	<120	<74	310
PCE	67	37	**1,500**	**1,100**	**710**

Notes:

µg/m^3 = micrograms per cubic meter
< = less than the laboratory reporting limit shown
-- = not established
PCE = Tetrachloroethene
ESL = San Francisco Regional Water Quality Control Board Environmental Screening Levels, 2019 (units in µg/m^3)
*Table SG-1: Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Levels assuming a commercial/industrial exposure scenario.
bold result = exceeds Commercial/Industrial ESL

Appendix A

WSP 2020 Sampling Results
VOCs - Ambient Air, Indoor Air and Soil Vapor Samples
19720 Stevens Creek Blvd, Cupertino, California

		Date Collected:	09/17/20							
		Sample Media:	Outdoor (Ambient) Air	Indoor Air (µg/m3)				Sub-Slab Vapor (µg/m3)		
Analyte (µg/m3)	**Indoor Air Commercial/ Industrial ESL***	**Subslab Vapor Commercial/ Industrial ESL****	**A-002**	**A-001**	**A-003**	**A-004**	**A-004A (DUP)**	**SV-001**	**SV-002**	**SV-003**
1,1,1-Trichloroethane	4,400	150,000	1.6 U	1.6 U	1.6 U	1.6 U	13 U	6.5 U	16 U	8.2 U
1,1,2,2-Tetrachloroethane	0.21	7	2.1 U	2.1 U	2.1 U	2.1 U	16 U	8.2 U	21 U	10 U
1,1,2-Trichloroethane	0.77	26	1.6 U	1.6 U	1.6 U	1.6 U	13 U	6.5 U	16 U	8.2 U
1,1-Dichloroethane	7.7	260	1.2 U	1.2 U	1.2 U	1.2 U	9.7 U	4.9 U	12 U	6.1 U
1,1-Dichloroethene	310	310	1.2 U	1.2 U	1.2 U	1.2 U	9.5 U	4.8 U	12 U	5.9 U
1,2,4-Trichlorobenzene	8.8	290	11 U	11 U	11 U	11 U	89 U	45 U	110 U	56 U
1,2,4-Trimethylbenzene	--	--	3.7 U	3.7 U	3.7 U	3.7 U	29 U	15 U	37 U	18 U
1,2-Dibromoethane	0.02	0.68	2.3 U	2.3 U	2.3 U	2.3 U	18 U	9.2 U	23 U	12 U
1,2-Dichlorobenzene	880	7000	1.8 U	1.8 U	1.8 U	1.8 U	14 U	7.2 U	18 U	9 U
1,2-Dichloroethane	0.47	9.4	1.2 U	1.2 U	1.2 U	1.2 U	9.7 U	4.9 U	12 U	6.1 U
1,2-Dichloropropane	1.2	41	1.4 U	1.4 U	1.4 U	1.4 U	11 U	5.5 U	14 U	6.9 U
1,3,5-Trimethylbenzene	--	--	1.5 U	1.5 U	1.5 U	1.5 U	12 U	5.9 U	15 U	7.4 U
1,3-Butadiene	--	--	0.66 U	0.66 U	0.66 U	0.66 U	5.3 U	2.7 U	6.6 U	3.3 U
1,3-Dichlorobenzene	--	--	1.8 U	1.8 U	1.8 U	1.8 U	14 U	7.2 U	18 U	9 U
1,4-Dichlorobenzene	1.1	9.5	1.8 U	1.8 U	1.8 U	1.8 U	14 U	7.2 U	18 U	9 U
1,4-Dioxane	1.6	53	1.1 U	1.1 U	1.1 U	1.1 U	8.6 U	4.3 U	11 U	5.4 U
2-Butanone	--	730000	4.4 U	4.4 U	4.4 U	4.4 U	35 U	18 U	44 U	22 U
2-Hexanone	--	--	1.2 U	1.2 U	1.2 U	1.2 U	9.8 U	4.9 U	12 U	6.1 U
4-Ethyltoluene	--	--	1.5 U	1.5 U	1.5 U	1.5 U	12 U	5.9 U	15 U	7.4 U
4-Methyl-2-Pentanone	13,000	440000	1.2 U	1.2 U	1.2 U	1.2 U	9.8 U	4.9 U	12 U	6.1 U
Acetone	140,000	4500000	**19**	**34**	**27**	**31**	**77**	**85**	**89**	**100**
Benzene	1.6	14	0.96 U	0.96 U	**1.0**	0.96 U	7.7 U	3.8 U	9.6 U	4.8 U
Benzyl chloride	--	--	3.9 U	3.9 U	3.9 U	3.9 U	31 U	16 U	39 U	19 U
Bromodichloromethane	0.33	11	2 U	2 U	2 U	2 U	16 U	8 U	20 U	10 U
Bromoform	11	85	3.1 U	3.1 U	3.1 U	3.1 U	25 U	12 U	31 U	16 U
Bromomethane	22	170	1.2 U	1.2 U	1.2 U	1.2 U	9.3 U	4.7 U	12 U	5.8 U
Carbon Disulfide	--	--	0.93 U	0.93 U	**1.0**	0.93 U	7.5 U	3.7 U	9.3 U	4.7 U
Carbon Tetrachloride	2	68	1.9 U	1.9 U	1.9 U	1.9 U	15 U	7.5 U	19 U	9.4 U
Chlorobenzene	220	1700	1.4 U	1.4 U	1.4 U	1.4 U	11 U	5.5 U	14 U	6.9 U
Chloroethane	440	350000	0.79 U	0.79 U	0.79 U	0.79 U	6.3 U	3.2 U	7.9 U	4 U
Chloroform	0.53	18	1.5 U	**1.9**	**3.6**	**2.2**	12 U	5.9 U	**38**	**12**
Chloromethane	390	3100	**1.0**	**1.2**	**1.4**	**1.2**	5 U	2.5 U	6.2 U	3.1 U
cis-1,2-Dichloroethene	35	1200	1.2 U	1.2 U	1.2 U	1.2 U	9.5 U	**7.0**	**15**	5.9 U
cis-1,3-Dichloropropene	--	--	1.4 U	1.4 U	1.4 U	1.4 U	11 U	5.4 U	14 U	6.8 U
Cyclohexane	--	--	1 U	1 U	1 U	1 U	8.3 U	4.1 U	10 U	5.2 U
Dibromochloromethane	--	--	2.6 U	2.6 U	2.6 U	2.6 U	20 U	10 U	26 U	13 U
Ethyl Acetate	--	--	2.7 U	**15**	**4.1**	**3.4**	22 U	11 U	27 U	14 U
Ethylbenzene	4.9	160	1.3 U	1.3 U	1.3 U	1.3 U	10 U	5.2 U	13 U	6.5 U
Freon 113	--	--	2.3 U	2.3 U	2.3 U	2.3 U	18 U	**12**	23 U	11 U
Freon 114	--	--	2.1 U	2.1 U	2.1 U	2.1 U	17 U	8.4 U	21 U	10 U
Freon 12	--	--	**2.2**	**2.2**	**2.8**	**2.3**	12 U	5.9 U	15.0 U	7.4 U
Hexachlorobutadiene	0.56	5.3	3.2 U	3.2 U	3.2 U	3.2 U	26 U	13 U	32 U	16 U
Isopropanol (IPA)	--	--	**3.8**	**19**	**15**	**22**	**42**	**30**	37 U	**27**
m,p-Xylenes	--	--	2.6 U	2.6 U	**3.8**	2.6 U	21 U	**19**	26 U	13 U
Methylene Chloride	12	410	2.6 U	**6.9**	**4.6**	2.6 U	**780**	10 U	26 U	**170**
MTBE	47	1600	1.1 U	1.1 U	1.1 U	1.1 U	8.7 U	4.3 U	11 U	5.4 U
n-Heptane	--	--	1.2 U	1.2 U	1.2 U	1.2 U	9.8 U	**32**	**35**	6.1 U

Appendix A

WSP 2020 Sampling Results
VOCs - Ambient Air, Indoor Air and Soil Vapor Samples
19720 Stevens Creek Blvd, Cupertino, California

		Date Collected:	**09/17/20**							
		Sample Media:	**Outdoor (Ambient) Air**	**Indoor Air (µg/m3)**				**Sub-Slab Vapor (µg/m3)**		
Analyte (µg/m3)	**Indoor Air Commercial/ Industrial ESL***	**Subslab Vapor Commercial/ Industrial ESL****	**A-002**	**A-001**	**A-003**	**A-004**	**A-004A (DUP)**	**SV-001**	**SV-002**	**SV-003**
n-Hexane	--	--	1.1 U	**3.1**	**1.6**	1.1 U	**180**	4.2 U	11 U	**25**
o-Xylene	--	--	1.3 U	1.3 U	**1.8**	1.3 U	10 U	5.2 U	13 U	6.5 U
Propylbenzene	--	--	0.52 U	0.52 U	0.52 U	0.52 U	4.1 U	2.1 U	5.2 U	2.6 U
Styrene	3,900	130000	1.3 U	**1.6**	**2.9**	**1.6**	10 U	5.1 U	13 U	6.4 U
Tetrachloroethene	2	67	2 U	2 U	**2.6**	**2.3**	16 U	**940**	**5100**	**1700**
Toluene	1,300	44000	1.1 U	**1.7**	**1.8**	1.1 U	9 U	4.5 U	11 U	5.7 U
trans-1,2-Dichloroethene	350	12000	1.2 U	1.2 U	1.2 U	1.2 U	9.5 U	4.8 U	12 U	5.9 U
trans-1,3-Dichloropropene	--	--	1.4 U	1.4 U	1.4 U	1.4 U	11 U	5.4 U	14 U	6.8 U
Trichloroethene	3	100	1.6 U	1.6 U	1.6 U	1.6 U	13 U	**37**	**220**	8.1 U
Trichlorofluoromethane	--	--	1.7 U	1.7 U	**2.4**	1.7 U	13 U	6.7 U	17 U	8.4 U
Vinyl bromide	--	--	5.3 U	5.3 U	5.3 U	5.3 U	42 U	21 U	53 U	26 U
Vinyl Chloride	0.16	5.2	0.77 U	0.77 U	0.77 U	0.77 U	6.1 U	3.1 U	7.7 U	3.8 U
Xylene (total)	440	15000	1.3 U	1.3 U	**5.6**	1.3 U	10 U	**19**	13 U	6.5 U

Notes:

* Table IA-1: Indoor Air Direct Exposure Human Health Risk Screening Levels for indoor air assuming a commercial/industrial exposure scenario.

**Table SG-1: Subslab Soil Gas and Exterior Soil Gas Vapor Intrusion Human Health Risk Screening Levels assuming a commercial/industrial exposure scenario. (San Francisco Bay Regional Water Quality Control Board 2019)

Abbreviations and Acronyms:

ESLs = San Francisco Regional Water Quality Control Board Environmental Screening Levels, 2019 (units in µg/m^3)
DUP = duplicate sample (labeled A-004A, collected at A-004)
U = analyte was not detected above the laboratory detection limit shown
bold = result exceeds applicable ESL
bold = result reported above the laboratory reporting limit
value = the laboratory reporting limit exceeds applicable ESL

APPENDIX

B BUILDING SURVEY FORM AND INDOOR AIR SOURCE SCREEN FORMS

Yogurt Land

Building Survey Form

Type in or select answers from drop-down lists in the righthand column. Upload answers to GeoTracker database for criteria marked with an asterisks (*). See Table 1 in the *Guidance on Uploading Vapor Intrusion Information into GeoTracker* (Attachment 4 of Supplemental Vapor Intrusion Guidance) for a description of Building Design Type input choices.

Person Conducting Survey	Input
Name: Elena / Lusi	Lusi Tai / Elena
Company:	WSP USA
Phone Number:	650-283-9982
Email:	lusitai@wsp.com

Building Contact Information	Input
Name:	~~Owner~~ N/A
Contact Title:	- Owner
Phone Number:	N/A
Email:	N/A
Building Occupant Interviewed?	- NO

Building Information	Input
Date of Building Survey (dd/mm/yy):	2/3/22
*Building Name:	Yogurt Land.
*Building Address (Street, City):	~~197200~~ 19700
Coordinates for Center of Building (Latitude, Longitude; decimal degrees to 0.00000):	N/A
*Building Location Onsite/Offsite with respect to Site/Facility:	- N/A
*Year Built (yyyy; approximate if unsure):	N/A
*Building Occupants:	- ~~N/A~~ 2 at time of survey

Building Survey Form

Building Dimensions	Input
*Building Footprint Area (within enclosed space; square feet [Ft2]):	N/A
Building Dimensions (at grade; feet by feet):	N/A
*Ceiling Height of Ground Floor (Feet):	N/A
*Number of Floors (excluding the basement):	1

Building Design	Input
*Building Design Type:	- Restaurant
Has the design been modified?	- N/A
*Foundation Type:	- Concrete/Tile
*Building Vapor Intrusion Mitigation System:	- N/A
*Heating, Ventilation, & Air Conditioning (HVAC) System:	- Yes
Type of Energy Used in Building?	- N/A
Energy Primarily Used For?	- N/A
Number of Units for Multi-Unit Buildings:	N/A
Number of Rooms (average per unit for multi-unit buildings):	2
Number of Exterior Doors:	2
Number of Elevators:	None
Number of Active Exhaust Fans (e.g., kitchen/bathroom):	2
Chimney or Other Vertical Draft Source?	- N/A

Building Slab	Input
Slab Thickness (inches; approximate if unsure):	N/A
Large Slab Penetrations (> 1 Foot Diameter):	- N/A
Soil Type 0 to 3 Feet Below Building:	- N/A
Evidence of moisture intrusion from Below Slab?	- N/A

Building Survey Form

Building Windows	Input
Number of Windows:	2
Weather Sealed Windows and Exterior Doors?	- Yes
Average Area of Window Open to Outside Air (Feet2):	~ N/A
Ventilation During Sampling:	- NO

Building Crawl Space	Input
Crawl Space Height (Feet):	N/A
Number Crawl Space Vents:	N/A
Average Area per Crawl Space Vent (Feet2):	N/A
Evidence of moisture intrusion into Crawl Space from Soil?	- N/A

Building Basement	Input
Basement Height (Feet):	N/A
Basement Footprint Area (Feet2):	N/A
Basement Wall Area Below Ground Surface (Feet2):	N/A
Exposed Basement above grade?	- N/A
Vents or Windows above-grade in exposed basement?	- N/A
Unfinished Basement?	- N/A
Evidence of moisture intrusion into Basement from Soil?	- N/A

Building Survey Form

Factors Potentially Influencing Indoor Air Quality	Input
Is there an attached garage?	- NO
Is there smoking in the building?	- NO
Is there new carpet or furniture?	- N/A
Have clothes or drapes been recently dry cleaned?	- N/A
Has painting or staining been done within the last six months?	- N/A
Has the building been recently remodeled?	- N/A
Has the building ever had a fire?	- N/A
Is there a hobby or craft area in the building?	- N/A
Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?	- Yes – cleaning supplies
Is there a fuel oil tank on the property?	- NO
Is there a septic tank on the property?	- NO
Has the building been fumigated or sprayed for pests recently?	- N/A
Historically the building was primarily used for?	- N/A
Do current building occupants use solvents at another location (e.g., work, hobby)?	- N/A

Meteorological Conditions	Input
Weather:	Sunny / Windy
Outdoor Temperature - High (°F):	41°F
Outdoor Temperature - Low (°F):	39°F
Indoor Temperature (°F):	49°F
Barometric Pressure Reading (mmHg):	N/A
Wind Direction:	- N/A
Average Wind Speed (mph):	15 mph
HVAC Setting for Current Season:	- Yes

(End of Form)

Building Survey Form Drop Down Lists

Building Contact Information

Contact Title:
Owner
Manager
Occupant
Other

Building Occupant Interviewed?
Yes
No

Building Information

***Building Location Onsite/Offsite/Offsite with respect to Site/Facility**
Onsite
Offsite

***Building Occupants:**
Residential
Commercial
Residential Unit over Commercial Unit
Sensitive Use (e.g. Child Care or Medical Facility)

Building Design

***Building Design Type:**
Single Unit Residential
Multi-Unit Residential (e.g. duplex, apartments)
Single Unit Commercial
Multi-Unit Commercial (e.g. strip mall)
Multi-Unit Mixed Use
Auditorium (e.g. church, theater)
School
Industrial
Manufacturing Facility
Warehouse
Other

Has the design been modified?
Yes
No
Unknown

***Foundation Type:**

Slab-on-Grade
Crawl Space
Partial Crawl Space
Basement
Partial Basement
Podium
Earthen
Secondary Slab Pour
Other

N/a ?

***Building Vapor Intrusion Mitigation System:**

Vapor Intrusion Barrier Only
Passive Vented System
Active Vented System
Subslab Depressurization System
Other
None

***Heating Ventilation, & Air Conditioning (HVAC) System:**

Heating Only
Cooling Only
Heating & Cooling
None

Type of Energy Used in Building?

Natural Gas
Fuel Oil
Propane
Electricity
Wood
Kerosene
More Than One Type
Other
None
Unknown

Energy Primarily Used For?

Space Heating
Water Heating
Cooking
Drying Laundry (Interior)
Commercial/Industrial Processes
Other
Unknown

Chimney or Other Vertical Draft Source?
Yes
No

Building Slab

Large Slab Penetrations (> 1 Foot Diameter):
Sump
Elevator Shaft
Floor Drain
Other N/A
None

Soil Type 0 to 3 Feet Below Building:
Fine
Coarse
Fine and Coarse
Unknown

Evidence of moisture intrusion from Below Slab?
Yes
No
N/A

Building Windows

Weather Sealed Windows and Exterior Doors?
All Sealed
Some Sealed
None Sealed
Unknown

Ventilation During Sampling:
Open Windows
Closed Windows
Some Windows Open

Building Crawl Space

Evidence of moisture intrusion into Crawl Space from Soil?
Yes
No
N/A

Building Basement

Exposed Basement above grade?
Yes

No
N/A

Vents or Windows above-grade in exposed basement?
Yes
No
N/A

Unfinished Basement?
Yes
No
N/A

Evidence of moisture intrusion into Basement from Soil?
Yes
No
N/A

Factors Potentially Influencing Indoor Air Quality

Is there an attached garage?
Yes
No
N/A

Is there smoking in the building?
Yes
No

Is there new carpet or furniture?
Yes
No
N/A

Have clothes or drapes been recently dry cleaned?
Yes
No
N/A

Has painting or staining been done within the last six months?
Yes
No
N/A

Has the building been recently remodeled?
Yes
No
N/A

Has the building ever had a fire?

Yes

No

N/A

Is there a hobby or craft area in the building?

Yes

No

N/A

Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?)

Yes - cleaning supplies.

No

~~N/A~~

Is there a fuel oil tank on the property?

Yes

No

N/A

Is there a septic tank on the property?

Yes

No

N/A

Has the building been fumigated or sprayed for pests recently?

Yes

No

N/A

Historically the building was primarily used for?

Dy Cleaner

Industrial Degreasing/Cleaning

Laboratory

Manufacturing N/A?

Painting/Finishing

Other

None

Do current building occupants use solvents at another location (e.g., work, hobby)?

Dy Cleaner

Industrial Degreasing/Cleaning

Laboratory

Manufacturing

Painting/Finishing
Other
None

Meteorological Conditions

Wind Direction:
N
NW
NE
W
S
SW
SE
E

N/A

HVAC Setting for Current Season?
Heating
Cooling
Off

Indoor Air Source Screen Form

This form should be used while conducting field screening (Step 3A.3, Supplemental Vapor Intrusion Guidance). An Indoor Air Source Screen Survey of indoor air will help identify potential sources of vapor forming chemicals (VFCs) and/or potential subsurface vapor entry points. Common screening tools, such as, Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), or Gas Chromatography-Electron Capture Detector (GC-ECD), should be used to detect the presence of VFCs in the air.

Use this form to document the room/area and location where the measurement was recorded during the Indoor Air Source Screen Survey, the field instrument type used, and the instrument reading and units. If a consumer product is identified and surrounding air tested, the location and the volatile ingredients of the product should be noted. (If the item(s) may be contributing VFCs to the indoor air, the items should be removed in advance of indoor air sampling.) This survey should be used to support the development of a conceptual understanding of how vapor intrusion may be occurring at the building and used in selecting sample locations for evaluating spatial distribution of VFCs in indoor air.

Site Information	Input
Building Address:	~~197200~~ 19700
Site/Facility Name:	Yogurt land
Screening Event Date:	2/3/22
Screening Event Time:	0830
Event Weather Conditions:	Sunny, 45°F
Name of Person(s) Conducting Sampling:	Elena Robertson Lusi Tai
Company Conducting Sampling:	WSP
Field Instrument Type[1] (List All):	PPB RAE 3000
Instrument Calibration Date:	

1 - Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), Gas Chromatography-Electron Capture Detector (GC-ECD), etc.

Indoor Air Source Screen Form

Sample Room/Area	Sample Location	Sample ID	Instrument Reading	Units	Volatile Ingredients in Consumer Products Identified Near Sample
- bathroom	-general breathing space		0	ppb	none
- bathroom	-air freshner		0	ppb	unknown
- dinning area	- general breathing space		0	ppb	
-check out counter	hand sanitizer		26	ppb	
- kitchen	- yogurt machines		0	ppb	
- kitchen	-yogurt machines	floordrains	0	ppb	
- kitchen	-sink		0	ppb	drain grease de-clogger
- kitchen	-storage shelf		14-102	ppb	WD-40, raid
- kitchen	-sink-hand soap dispenser		92	ppb	
- kitchen	-electrical pannels		92	ppb	
- kitchen	- cleaning sink	-floordrains	0	ppb	
- kitchen	- storage shelves		212	ppb	cleaning gloves
- Counter	-candy/topping area		14-83	ppb	
- counter	- under shelving		0-28	ppb	none
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				

Comments:

Indoor Air Source Screen Form Drop Down Lists

Sample/Room Area

Bathroom
Kitchen
Bedroom
Living Room
Retail Area
Workshop
Garage
Office
Dining
Storage
Attic
Other

Sample Location

Breathing Zone (Indoor)
Ambient Air (Outdoor)
Foundation Opening
Consumer Product
Other

~~Legends~~
~~Pizza~~

Building Survey Form

Type in or select answers from drop-down lists in the righthand column.
Upload answers to GeoTracker database for criteria marked with an asterisks (*).
See Table 1 in the *Guidance on Uploading Vapor Intrusion Information into GeoTracker* (Attachment 4 of Supplemental Vapor Intrusion Guidance) for a description of Building Design Type input choices.

Person Conducting Survey	Input
Name: Lusi Tai / Elena R.	
Company: WSP USA	
Phone Number: 650-283-9982	
Email: lusi.tai@wsp.com	

Building Contact Information	Input
Name:	~~[illegible]~~ N/A
Contact Title:	- N/A
Phone Number:	N/A
Email:	N/A
Building Occupant Interviewed?	- NO

Building Information	Input
Date of Building Survey (dd/mm/yy):	2/3/22
*Building Name:	Blinds and Shutters
*Building Address (Street, City):	~~179210~~ 19710
Coordinates for Center of Building (Latitude, Longitude; decimal degrees to 0.00000):	N/A
*Building Location Onsite/Offsite with respect to Site/Facility:	- On site
*Year Built (yyyy; approximate if unsure):	N/A
*Building Occupants:	- 2

Building Survey Form

Building Dimensions	Input
*Building Footprint Area (within enclosed space; square feet [Ft2]):	N/A
Building Dimensions (at grade; feet by feet):	N/A
*Ceiling Height of Ground Floor (Feet):	N/A
*Number of Floors (excluding the basement):	1

Building Design	Input
*Building Design Type:	- N/A
Has the design been modified?	- N/A
*Foundation Type:	- concrete
*Building Vapor Intrusion Mitigation System:	- N/A
*Heating, Ventilation, & Air Conditioning (HVAC) System:	- Yes
Type of Energy Used in Building?	- N/A
Energy Primarily Used For?	- N/A
Number of Units for Multi-Unit Buildings:	—
Number of Rooms (average per unit for multi-unit buildings):	—
Number of Exterior Doors:	4
Number of Elevators:	None
Number of Active Exhaust Fans (e.g., kitchen/bathroom):	~1
Chimney or Other Vertical Draft Source?	- N/A

Building Slab	Input
Slab Thickness (inches; approximate if unsure):	~~unsoft~~ N/A
Large Slab Penetrations (> 1 Foot Diameter):	- N/A
Soil Type 0 to 3 Feet Below Building:	- N/A
Evidence of moisture intrusion from Below Slab?	- N/A

Building Survey Form

Building Windows	Input
Number of Windows:	1 large
Weather Sealed Windows and Exterior Doors?	- Yes
Average Area of Window Open to Outside Air (Feet2):	~ 2 ft
Ventilation During Sampling:	- NO

Building Crawl Space	Input
Crawl Space Height (Feet):	N/A
Number Crawl Space Vents:	N/A
Average Area per Crawl Space Vent (Feet2):	N/A
Evidence of moisture intrusion into Crawl Space from Soil?	- N/A

Building Basement	Input
Basement Height (Feet):	N/A
Basement Footprint Area (Feet2):	N/A
Basement Wall Area Below Ground Surface (Feet2):	N/A
Exposed Basement above grade?	- N/A
Vents or Windows above-grade in exposed basement?	- N/A
Unfinished Basement?	- N/A
Evidence of moisture intrusion into Basement from Soil?	- N/A

Building Survey Form

Factors Potentially Influencing Indoor Air Quality	Input
Is there an attached garage?	- None
Is there smoking in the building?	- NO
Is there new carpet or furniture?	- NO
Have clothes or drapes been recently dry cleaned?	- NO
Has painting or staining been done within the last six months?	- N/A
Has the building been recently remodeled?	- N/A
Has the building ever had a fire?	- N/A
Is there a hobby or craft area in the building?	- N/A
Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?	- N/A
Is there a fuel oil tank on the property?	- NO
Is there a septic tank on the property?	- NO
Has the building been fumigated or sprayed for pests recently?	- N/A
Historically the building was primarily used for?	- N/A
Do current building occupants use solvents at another location (e.g., work, hobby)?	- N/A

Meteorological Conditions	Input
Weather:	~~[illegible]~~ Windy
Outdoor Temperature - High (°F):	~~[illegible]~~ 41°F
Outdoor Temperature - Low (°F):	39°F
Indoor Temperature (°F):	N/A
Barometric Pressure Reading (mmHg):	N/A
Wind Direction:	- N/A
Average Wind Speed (mph):	~15 mph
HVAC Setting for Current Season:	- N/A

(End of Form)

Building Survey Form Drop Down Lists

Building Contact Information

Contact Title:
Owner
Manager
Occupant
Other

Building Occupant Interviewed?
Yes
No

Building Information

***Building Location Onsite/Offsite/Offsite with respect to Site/Facility**
Onsite
Offsite

***Building Occupants:**
Residential
Commercial
Residential Unit over Commercial Unit
Sensitive Use (e.g. Child Care or Medical Facility)

Building Design

***Building Design Type:**
Single Unit Residential
Multi-Unit Residential (e.g. duplex, apartments)
Single Unit Commercial
Multi-Unit Commercial (e.g. strip mall)
Multi-Unit Mixed Use
Auditorium (e.g. church, theater)
School
Industrial
Manufacturing Facility
Warehouse
Other

Has the design been modified?
Yes
No
Unknown

Chimney or Other Vertical Draft Source?

Yes

No

Building Slab

Large Slab Penetrations (> 1 Foot Diameter):

Sump

Elevator Shaft

Floor Drain

Other

None

N/A ?

Soil Type 0 to 3 Feet Below Building:

Fine

Coarse

Fine and Coarse

Unknown

Evidence of moisture intrusion from Below Slab?

Yes

No

N/A

Building Windows

Weather Sealed Windows and Exterior Doors?

All Sealed

Some Sealed

None Sealed

Unknown

Ventilation During Sampling:

Open Windows

Closed Windows

Some Windows Open

Building Crawl Space

Evidence of moisture intrusion into Crawl Space from Soil?

Yes

No

N/A

Building Basement

Exposed Basement above grade?

Yes

***Foundation Type:**
Slab-on-Grade
Crawl Space
Partial Crawl Space
Basement
Partial Basement
Podium
Earthen
Secondary Slab Pour
Other

***Building Vapor Intrusion Mitigation System:**
Vapor Intrusion Barrier Only
Passive Vented System
Active Vented System
Subslab Depressurization System
Other
None

***Heating Ventilation, & Air Conditioning (HVAC) System:**
Heating Only
Cooling Only
Heating & Cooling
None

Type of Energy Used in Building?
Natural Gas
Fuel Oil
Propane
Electricity
Wood
Kerosene
More Than One Type
Other
None
Unknown

Energy Primarily Used For?
Space Heating
Water Heating
Cooking
Drying Laundry (Interior)
Commercial/Industrial Processes
Other
Unknown

No
N/A

Vents or Windows above-grade in exposed basement?
Yes
No
N/A

Unfinished Basement?
Yes
No
N/A

Evidence of moisture intrusion into Basement from Soil?
Yes
No
N/A

Factors Potentially Influencing Indoor Air Quality

Is there an attached garage?
Yes
No
N/A

Is there smoking in the building?
Yes
No

Is there new carpet or furniture?
Yes
No
N/A

Have clothes or drapes been recently dry cleaned?
Yes
No
N/A

Has painting or staining been done within the last six months?
Yes
No
N/A

Has the building been recently remodeled?
Yes
No
N/A

Has the building ever had a fire?

Yes

No

N/A

Is there a hobby or craft area in the building?

Yes

No

N/A

Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?)

Yes

No

N/A

Is there a fuel oil tank on the property?

Yes

No

N/A

Is there a septic tank on the property?

Yes

No

N/A

Has the building been fumigated or sprayed for pests recently?

Yes

No

N/A

Historically the building was primarily used for?

Dy Cleaner

Industrial Degreasing/Cleaning

Laboratory

Manufacturing

Painting/Finishing

Other

None N/A

Do current building occupants use solvents at another location (e.g., work, hobby)?

Dy Cleaner

Industrial Degreasing/Cleaning

Laboratory

Manufacturing

Painting/Finishing
Other
None

Meteorological Conditions

Wind Direction:
N
NW
NE
W
S
SW
SE
E

N/A

HVAC Setting for Current Season?
Heating
Cooling
Off

N/A

Indoor Air Source Screen Form

This form should be used while conducting field screening (Step 3A.3, Supplemental Vapor Intrusion Guidance). An Indoor Air Source Screen Survey of indoor air will help identify potential sources of vapor forming chemicals (VFCs) and/or potential subsurface vapor entry points. Common screening tools, such as, Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), or Gas Chromatography-Electron Capture Detector (GC-ECD), should be used to detect the presence of VFCs in the air.

Use this form to document the room/area and location where the measurement was recorded during the Indoor Air Source Screen Survey, the field instrument type used, and the instrument reading and units. If a consumer product is identified and surrounding air tested, the location and the volatile ingredients of the product should be noted. (If the item(s) may be contributing VFCs to the indoor air, the items should be removed in advance of indoor air sampling.) This survey should be used to support the development of a conceptual understanding of how vapor intrusion may be occurring at the building and used in selecting sample locations for evaluating spatial distribution of VFCs in indoor air.

Site Information	Input
Building Address:	~~197210~~ 19710
Site/Facility Name:	Blinds and Shutters
Screening Event Date:	2/3/22
Screening Event Time:	1039
Event Weather Conditions:	windy / sunny
Name of Person(s) Conducting Sampling:	Elena / Lusi
Company Conducting Sampling:	WSP USA
Field Instrument Type[1] (List All):	PID Sampling canisters, vapor sampling equipment
Instrument Calibration Date:	N/A

1 - Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), Gas Chromatography-Electron Capture Detector (GC-ECD), etc.

Indoor Air Source Screen Form

Sample Room/Area	Sample Location	Sample ID	Instrument Reading	Units	Volatile Ingredients in Consumer Products Identified Near Sample
- Store front	- general breathing space		0	ppb	none
- bathroom	- "	"	0	ppb	
- "	- cleaners		0	ppb	see photos
- "	- sink		0	ppb	
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				

Comments:

Indoor Air Source Screen Form Drop Down Lists

Sample/Room Area

- Bathroom
- Kitchen
- Bedroom
- Living Room
- Retail Area
- Workshop
- Garage
- Office
- Dining
- Storage
- Attic
- Other

Sample Location

- Breathing Zone (Indoor)
- Ambient Air (Outdoor)
- Foundation Opening
- Consumer Product
- Other

LEGENDS PIZZA

Building Survey Form

Type in or select answers from drop-down lists in the righthand column.
Upload answers to GeoTracker database for criteria marked with an asterisks (*).
See Table 1 in the *Guidance on Uploading Vapor Intrusion Information into GeoTracker* (Attachment 4 of Supplemental Vapor Intrusion Guidance) for a description of Building Design Type input choices.

Person Conducting Survey	Input
Name:	~~Legends Pizza~~ Lusi Tai
Company:	~~Pizzaa~~ WSP USA
Phone Number:	650-283-9932
Email:	lusi.tai@wsp.com

Building Contact Information	Input
Name:	
Contact Title:	-
Phone Number:	
Email:	
Building Occupant Interviewed?	- NO

Building Information	Input
Date of Building Survey (dd/mm/yy):	2/3/22
*Building Name:	Legends Pizza
*Building Address (Street, City):	~~[illegible] 197232~~ 19732
Coordinates for Center of Building (Latitude, Longitude; decimal degrees to 0.00000):	N/A
*Building Location Onsite/Offsite with respect to Site/Facility:	- Onsite
*Year Built (yyyy; approximate if unsure):	N/A
*Building Occupants:	- 4 at the time of survey

Building Survey Form

Building Dimensions	Input
*Building Footprint Area (within enclosed space; square feet [Ft2]):	N/A
Building Dimensions (at grade; feet by feet):	N/A
*Ceiling Height of Ground Floor (Feet):	N/A
*Number of Floors (excluding the basement):	1

Building Design	Input
*Building Design Type:	- Restaurant
Has the design been modified?	- N/A
*Foundation Type:	- Wood / Tile
*Building Vapor Intrusion Mitigation System:	- N/A
*Heating, Ventilation, & Air Conditioning (HVAC) System:	- Yes
Type of Energy Used in Building?	- N/A
Energy Primarily Used For?	- N/A
Number of Units for Multi-Unit Buildings:	- N/A
Number of Rooms (average per unit for multi-unit buildings):	3
Number of Exterior Doors:	2
Number of Elevators:	None
Number of Active Exhaust Fans (e.g., kitchen/bathroom):	~2
Chimney or Other Vertical Draft Source?	- N/A

Building Slab	Input
Slab Thickness (inches; approximate if unsure):	N/A
Large Slab Penetrations (> 1 Foot Diameter):	- N/A
Soil Type 0 to 3 Feet Below Building:	- N/A
Evidence of moisture intrusion from Below Slab?	- N/A

Legends Pizza.

Building Survey Form

Building Windows	Input
Number of Windows:	1
Weather Sealed Windows and Exterior Doors?	- yes
Average Area of Window Open to Outside Air (Feet2):	35" ~~[illegible]~~ .
Ventilation During Sampling:	- NO

Building Crawl Space	Input
Crawl Space Height (Feet):	N/A
Number Crawl Space Vents:	N/A
Average Area per Crawl Space Vent (Feet2):	N/A
Evidence of moisture intrusion into Crawl Space from Soil?	- N/A

Building Basement	Input
Basement Height (Feet):	N/A
Basement Footprint Area (Feet2):	N/A
Basement Wall Area Below Ground Surface (Feet2):	N/A
Exposed Basement above grade?	- N/A
Vents or Windows above-grade in exposed basement?	- N/A
Unfinished Basement?	- N/A
Evidence of moisture intrusion into Basement from Soil?	- N/A

Building Survey Form

Factors Potentially Influencing Indoor Air Quality	Input
Is there an attached garage?	- NO
Is there smoking in the building?	- NO
Is there new carpet or furniture?	- Yes (Floor)
Have clothes or drapes been recently dry cleaned?	- NO
Has painting or staining been done within the last six months?	- N/A
Has the building been recently remodeled?	- Yes
Has the building ever had a fire?	- N/A
Is there a hobby or craft area in the building?	- N/A
Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?	- Cleaning supplies
Is there a fuel oil tank on the property?	- N/A
Is there a septic tank on the property?	- N/A
Has the building been fumigated or sprayed for pests recently?	- N/A
Historically the building was primarily used for?	- N/A
Do current building occupants use solvents at another location (e.g., work, hobby)?	- N/A

Meteorological Conditions	Input
Weather:	Sunny / Windy
Outdoor Temperature - High (°F):	41°F
Outdoor Temperature - Low (°F):	39°F
Indoor Temperature (°F):	49°F
Barometric Pressure Reading (mmHg):	N/A
Wind Direction:	- N/A
Average Wind Speed (mph):	15 mph
HVAC Setting for Current Season:	- Yes

(End of Form)

Building Survey Form Drop Down Lists

Building Contact Information

Contact Title:
Owner
Manager
Occupant
Other

Building Occupant Interviewed?
Yes
No

Building Information

***Building Location Onsite/Offsite/Offsite with respect to Site/Facility**
Onsite
Offsite

***Building Occupants:**
Residential
Commercial
Residential Unit over Commercial Unit
Sensitive Use (e.g. Child Care or Medical Facility)

Building Design

***Building Design Type:**
Single Unit Residential
Multi-Unit Residential (e.g. duplex, apartments)
Single Unit Commercial
Multi-Unit Commercial (e.g. strip mall)
Multi-Unit Mixed Use
Auditorium (e.g. church, theater)
School
Industrial
Manufacturing Facility
Warehouse
Other

Has the design been modified?
Yes
No
Unknown

***Foundation Type:**
Slab-on-Grade
Crawl Space
Partial Crawl Space
Basement
Partial Basement N/A ?
Podium
Earthen
Secondary Slab Pour
Other

***Building Vapor Intrusion Mitigation System:**
Vapor Intrusion Barrier Only
Passive Vented System
Active Vented System
Subslab Depressurization System
Other
None

***Heating Ventilation, & Air Conditioning (HVAC) System:**
Heating Only
Cooling Only
Heating & Cooling
None

Type of Energy Used in Building?
Natural Gas
Fuel Oil
Propane
Electricity
Wood
Kerosene
More Than One Type
Other
None
Unknown

Energy Primarily Used For?
Space Heating
Water Heating
Cooking
Drying Laundry (Interior)
Commercial/Industrial Processes
Other
Unknown

Chimney or Other Vertical Draft Source?
Yes
No

Building Slab

Large Slab Penetrations (> 1 Foot Diameter):
Sump
Elevator Shaft
Floor Drain
Other
None

N/A ?

Soil Type 0 to 3 Feet Below Building:
Fine
Coarse
Fine and Coarse
Unknown

Evidence of moisture intrusion from Below Slab?
Yes
No
N/A

Building Windows

Weather Sealed Windows and Exterior Doors?
All Sealed
Some Sealed
None Sealed
Unknown

Ventilation During Sampling:
Open Windows
Closed Windows
Some Windows Open

Building Crawl Space

Evidence of moisture intrusion into Crawl Space from Soil?
Yes
No
N/A

Building Basement

Exposed Basement above grade?
Yes

No
N/A

Vents or Windows above-grade in exposed basement?
Yes
No
N/A

Unfinished Basement?
Yes
No
N/A

Evidence of moisture intrusion into Basement from Soil?
Yes
No
N/A

Factors Potentially Influencing Indoor Air Quality

Is there an attached garage?
Yes
No
N/A

Is there smoking in the building?
Yes
No

Is there new carpet or furniture?
Yes
No
N/A

Have clothes or drapes been recently dry cleaned?
Yes
No
N/A

Has painting or staining been done within the last six months?
Yes
No
N/A

Has the building been recently remodeled?
Yes
No
N/A

Has the building ever had a fire?
Yes
No
N/A

Is there a hobby or craft area in the building?
Yes
No
N/A

Are cleaning solvents stored in the building (e.g., spot cleaner, gun cleaner?)
Yes
No
N/A

Some.

Is there a fuel oil tank on the property?
Yes
No
N/A

Is there a septic tank on the property?
Yes
No
N/A

Has the building been fumigated or sprayed for pests recently?
Yes
No
N/A

Historically the building was primarily used for?
Dy Cleaner
Industrial Degreasing/Cleaning
Laboratory
Manufacturing
Painting/Finishing
Other
None

N/A ?

Do current building occupants use solvents at another location (e.g., work, hobby)?
Dy Cleaner
Industrial Degreasing/Cleaning
Laboratory
Manufacturing

Painting/Finishing
Other
None

Meteorological Conditions

Wind Direction:
N
NW
NE
W
S
SW
SE
E

N/A

HVAC Setting for Current Season?
Heating
Cooling
Off

Indoor Air Source Screen Form

This form should be used while conducting field screening (Step 3A.3, Supplemental Vapor Intrusion Guidance). An Indoor Air Source Screen Survey of indoor air will help identify potential sources of vapor forming chemicals (VFCs) and/or potential subsurface vapor entry points. Common screening tools, such as, Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), or Gas Chromatography-Electron Capture Detector (GC-ECD), should be used to detect the presence of VFCs in the air.

Use this form to document the room/area and location where the measurement was recorded during the Indoor Air Source Screen Survey, the field instrument type used, and the instrument reading and units. If a consumer product is identified and surrounding air tested, the location and the volatile ingredients of the product should be noted. (If the item(s) may be contributing VFCs to the indoor air, the items should be removed in advance of indoor air sampling.) This survey should be used to support the development of a conceptual understanding of how vapor intrusion may be occurring at the building and used in selecting sample locations for evaluating spatial distribution of VFCs in indoor air.

Site Information	Input
Building Address:	19732 Stevens Creek Blvd. Cupertino, CA
Site/Facility Name:	Legends Pizza Co.
Screening Event Date:	2/3/22
Screening Event Time:	0800
Event Weather Conditions:	Sunny, 45°F
Name of Person(s) Conducting Sampling:	Elena Robertson (WSP) Wsi Tai (WSP)
Company Conducting Sampling:	WSP
Field Instrument Type[1] (List All):	PPb RAE 3000
Instrument Calibration Date:	1/31/22 zero cal. on-site on 2/3/22

1 - Photoionization Detector (PID), Gas Chromatography-Photoionization Detector (GC-PID), Gas Chromatography-Mass Spectrometry (GC-MS), Gas Chromatography-Electron Capture Detector (GC-ECD), etc.

Indoor Air Source Screen Form

Sample Room/Area	Sample Location	Sample ID	Instrument Reading	Units	Volatile Ingredients in Consumer Products Identified Near Sample
- Unlocked restroom	general breathing space		0	ppb	none
- "	- air freshner	-	0	ppb	unknown
- "	- floor drain		0	ppb	none
- dinning area	- general breathing space		0	ppb	none
- Behind counter	- floor drain		0	ppb	none
- "	- "		"	"	none
- behind counter	- general breathing space		0	ppb	none
- kitchen	- cleaning storage under sink		0	ppb	see photos
- "	- floor drain under sink		0	ppb	-
- "	- sink		0	ppb	-
- "	- cooking area		0	ppb	
- "	- floor drains		0	ppb	
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				
-	-				

Comments: None of the cleaning chemicals noted in the kitchen removed for the test.

Indoor Air Source Screen Form Drop Down Lists

Sample/Room Area

- Bathroom
- Kitchen
- Bedroom
- Living Room
- Retail Area
- Workshop
- Garage
- Office
- Dining
- Storage
- Attic
- Other

Sample Location

- Breathing Zone (Indoor)
- Ambient Air (Outdoor)
- Foundation Opening
- Consumer Product
- Other

APPENDIX

C LABORATORY ANALYTICAL REPORTS FOR FEBRUARY 2022 SAMPLING EVENT

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

enthalpy.com

Lab Job Number: 457923
Report Level: II
Report Date: 02/15/2022

Analytical Report *prepared for:*

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Project: 31402714.000 - Okaigan Dojo

Authorized for release by:

Jim Lin, Service Center Manager
Jim.lin@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

Yutian Lei WSP 2025 Gateway Place Suite 348 San Jose, CA 95110		Lab Job #:	457923
		Project No:	31402714.000
		Location:	Okaigan Dojo
		Date Received:	02/07/22

Sample ID	Lab ID	Collected	Matrix
IA-005	457923-001	02/03/22 18:04	Air
IA-006	457923-002	02/03/22 18:06	Air
IA-007	457923-003	02/03/22 17:26	Air
IA-008	457923-004	02/03/22 17:24	Air
IA-009	457923-005	02/03/22 18:38	Air
OA-001	457923-006	02/03/22 18:11	Air
OA-002	457923-007	02/03/22 18:22	Air
OA-003	457923-008	02/03/22 18:18	Air
IA-010	457923-009	02/03/22 18:40	Air

Case Narrative

WSP 2025 Gateway Place Suite 348 San Jose, CA 95110 Yutian Lei	Lab Job Number: 457923 Project No: 31402714.000 Location: Okaigan Dojo Date Received: 02/07/22

This data package contains sample and QC results for nine air samples, requested for the above referenced project on 02/07/22. The samples were received intact.

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

No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 457923
Project No: 31402714.000
Location: Okaigan Dojo
Date Received: 02/07/22

Sample ID: IA-005 **Lab ID: 457923-001** **Collected: 02/03/22 18:04**
Matrix: Air

457923-001 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**16**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**550**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
1,3-Butadiene	**42**		pptv	10
1,3-Butadiene	**0.094**		ug/m3	0.022
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**65**		pptv	10
Freon 113	**0.50**		ug/m3	0.077
Methylene Chloride	**490**		pptv	20
Methylene Chloride	**1.7**		ug/m3	0.069
Chloroform	**210**		pptv	10
Chloroform	**1.0**		ug/m3	0.049
Carbon Tetrachloride	**79**		pptv	10
Carbon Tetrachloride	**0.50**		ug/m3	0.063
Benzene	**200**		pptv	10
Benzene	**0.64**		ug/m3	0.032
1,2-Dichloroethane	**19**		pptv	10
1,2-Dichloroethane	**0.076**		ug/m3	0.040
Bromodichloromethane	**55**		pptv	10
Bromodichloromethane	**0.37**		ug/m3	0.067
Toluene	**270**		pptv	10
Toluene	**1.0**		ug/m3	0.038
Tetrachloroethene	**62**		pptv	10
Tetrachloroethene	**0.42**		ug/m3	0.068
Dibromochloromethane	**41**		pptv	10
Dibromochloromethane	**0.35**		ug/m3	0.085
Ethylbenzene	**49**		pptv	10
Ethylbenzene	**0.21**		ug/m3	0.043
m,p-Xylenes	**140**		pptv	10
m,p-Xylenes	**0.62**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-001 Analyte	Result	Qual	Units	RL
o-Xylene	**55**		pptv	10
o-Xylene	**0.24**		ug/m3	0.043
Styrene	**52**		pptv	10
Styrene	**0.22**		ug/m3	0.043
4-Ethyltoluene	**17**		pptv	10
4-Ethyltoluene	**0.085**		ug/m3	0.049
1,3,5-Trimethylbenzene	**16**		pptv	10
1,3,5-Trimethylbenzene	**0.077**		ug/m3	0.049
1,2,4-Trimethylbenzene	**56**		pptv	10
1,2,4-Trimethylbenzene	**0.27**		ug/m3	0.049
1,4-Dichlorobenzene	**14**		pptv	10
1,4-Dichlorobenzene	**0.084**		ug/m3	0.060
Benzyl chloride	**15**		pptv	10
Benzyl chloride	**0.075**		ug/m3	0.052
2,2,4-Trimethylpentane	**70**		pptv	10
2,2,4-Trimethylpentane	**0.33**		ug/m3	0.047
Naphthalene	**13**		pptv	10
Naphthalene	**0.066**		ug/m3	0.052
Propylbenzene	**11**		pptv	10
Propylbenzene	**0.053**		ug/m3	0.049
Xylene (total)	**200**		pptv	10
Xylene (total)	**0.86**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: IA-006	Lab ID: 457923-002	Collected: 02/03/22 18:06
	Matrix: Air	

457923-002 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**15**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**540**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
1,3-Butadiene	**45**		pptv	10
1,3-Butadiene	**0.099**		ug/m3	0.022
Chloroethane	**17**		pptv	10
Chloroethane	**0.044**		ug/m3	0.026
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**65**		pptv	10
Freon 113	**0.50**		ug/m3	0.077
Methylene Chloride	**450**		pptv	20
Methylene Chloride	**1.6**		ug/m3	0.069
Chloroform	**210**		pptv	10
Chloroform	**1.0**		ug/m3	0.049
Carbon Tetrachloride	**78**		pptv	10
Carbon Tetrachloride	**0.49**		ug/m3	0.063
Benzene	**200**		pptv	10
Benzene	**0.65**		ug/m3	0.032
1,2-Dichloroethane	**18**		pptv	10
1,2-Dichloroethane	**0.072**		ug/m3	0.040
Bromodichloromethane	**69**		pptv	10
Bromodichloromethane	**0.46**		ug/m3	0.067
Toluene	**260**		pptv	10
Toluene	**1.0**		ug/m3	0.038
Tetrachloroethene	**97**		pptv	10
Tetrachloroethene	**0.66**		ug/m3	0.068
Dibromochloromethane	**49**		pptv	10
Dibromochloromethane	**0.42**		ug/m3	0.085
Ethylbenzene	**49**		pptv	10
Ethylbenzene	**0.21**		ug/m3	0.043
m,p-Xylenes	**140**		pptv	10
m,p-Xylenes	**0.63**		ug/m3	0.043
o-Xylene	**56**		pptv	10
o-Xylene	**0.24**		ug/m3	0.043
Styrene	**37**		pptv	10
Styrene	**0.16**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-002 Analyte	Result	Qual	Units	RL
4-Ethyltoluene	**16**		pptv	10
4-Ethyltoluene	**0.076**		ug/m3	0.049
1,3,5-Trimethylbenzene	**16**		pptv	10
1,3,5-Trimethylbenzene	**0.077**		ug/m3	0.049
1,2,4-Trimethylbenzene	**54**		pptv	10
1,2,4-Trimethylbenzene	**0.26**		ug/m3	0.049
1,4-Dichlorobenzene	**10**		pptv	10
1,4-Dichlorobenzene	**0.062**		ug/m3	0.060
2,2,4-Trimethylpentane	**74**		pptv	10
2,2,4-Trimethylpentane	**0.35**		ug/m3	0.047
Xylene (total)	**200**		pptv	10
Xylene (total)	**0.87**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: IA-007	Lab ID: 457923-003	Collected: 02/03/22 17:26
	Matrix: Air	

457923-003 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**430**		pptv	12
Freon 12	**2.1**		ug/m3	0.059
Freon 114	**16**		pptv	12
Freon 114	**0.11**		ug/m3	0.084
Chloromethane	**540**		pptv	12
Chloromethane	**1.1**		ug/m3	0.025
1,3-Butadiene	**38**		pptv	12
1,3-Butadiene	**0.085**		ug/m3	0.027
Trichlorofluoromethane	**210**		pptv	12
Trichlorofluoromethane	**1.2**		ug/m3	0.067
Freon 113	**66**		pptv	12
Freon 113	**0.51**		ug/m3	0.092
Methylene Chloride	**640**		pptv	24
Methylene Chloride	**2.2**		ug/m3	0.083
Chloroform	**260**		pptv	12
Chloroform	**1.3**		ug/m3	0.059
Carbon Tetrachloride	**76**		pptv	12
Carbon Tetrachloride	**0.48**		ug/m3	0.075
Benzene	**230**		pptv	12
Benzene	**0.74**		ug/m3	0.038
1,2-Dichloroethane	**17**		pptv	12
1,2-Dichloroethane	**0.068**		ug/m3	0.049
Trichloroethene	**18**		pptv	12
Trichloroethene	**0.095**		ug/m3	0.064
Bromodichloromethane	**86**		pptv	12
Bromodichloromethane	**0.57**		ug/m3	0.080
Toluene	**470**		pptv	12
Toluene	**1.8**		ug/m3	0.045
Tetrachloroethene	**110**		pptv	12
Tetrachloroethene	**0.71**		ug/m3	0.081
Dibromochloromethane	**62**		pptv	12
Dibromochloromethane	**0.53**		ug/m3	0.10
Ethylbenzene	**66**		pptv	12
Ethylbenzene	**0.29**		ug/m3	0.052
m,p-Xylenes	**200**		pptv	12
m,p-Xylenes	**0.88**		ug/m3	0.052
o-Xylene	**79**		pptv	12
o-Xylene	**0.34**		ug/m3	0.052
Styrene	**56**		pptv	12
Styrene	**0.24**		ug/m3	0.051

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-003 Analyte	Result	Qual	Units	RL
Bromoform	**13**		pptv	12
Bromoform	**0.13**		ug/m3	0.12
4-Ethyltoluene	**22**		pptv	12
4-Ethyltoluene	**0.11**		ug/m3	0.059
1,3,5-Trimethylbenzene	**19**		pptv	12
1,3,5-Trimethylbenzene	**0.095**		ug/m3	0.059
1,2,4-Trimethylbenzene	**68**		pptv	12
1,2,4-Trimethylbenzene	**0.34**		ug/m3	0.059
2,2,4-Trimethylpentane	**110**		pptv	12
2,2,4-Trimethylpentane	**0.51**		ug/m3	0.056
2-Chlorotoluene	**16**		pptv	12
2-Chlorotoluene	**0.082**		ug/m3	0.062
Propylbenzene	**12**		pptv	12
Propylbenzene	**0.059**		ug/m3	0.059
Xylene (total)	**280**		pptv	12
Xylene (total)	**1.2**		ug/m3	0.052

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: IA-008	Lab ID: 457923-004	Collected: 02/03/22 17:24
	Matrix: Air	

457923-004 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**440**		pptv	12
Freon 12	**2.2**		ug/m3	0.059
Freon 114	**16**		pptv	12
Freon 114	**0.11**		ug/m3	0.084
Chloromethane	**540**		pptv	12
Chloromethane	**1.1**		ug/m3	0.025
1,3-Butadiene	**28**		pptv	12
1,3-Butadiene	**0.063**		ug/m3	0.027
Trichlorofluoromethane	**210**		pptv	12
Trichlorofluoromethane	**1.2**		ug/m3	0.067
Freon 113	**65**		pptv	12
Freon 113	**0.50**		ug/m3	0.092
Methylene Chloride	**190**		pptv	24
Methylene Chloride	**0.66**		ug/m3	0.083
Chloroform	**140**		pptv	12
Chloroform	**0.68**		ug/m3	0.059
Carbon Tetrachloride	**77**		pptv	12
Carbon Tetrachloride	**0.48**		ug/m3	0.075
Benzene	**180**		pptv	12
Benzene	**0.58**		ug/m3	0.038
1,2-Dichloroethane	**17**		pptv	12
1,2-Dichloroethane	**0.070**		ug/m3	0.049
Bromodichloromethane	**24**		pptv	12
Bromodichloromethane	**0.16**		ug/m3	0.080
Toluene	**320**		pptv	12
Toluene	**1.2**		ug/m3	0.045
Tetrachloroethene	**84**		pptv	12
Tetrachloroethene	**0.57**		ug/m3	0.081
Dibromochloromethane	**17**		pptv	12
Dibromochloromethane	**0.14**		ug/m3	0.10
Ethylbenzene	**52**		pptv	12
Ethylbenzene	**0.23**		ug/m3	0.052
m,p-Xylenes	**150**		pptv	12
m,p-Xylenes	**0.65**		ug/m3	0.052
o-Xylene	**60**		pptv	12
o-Xylene	**0.26**		ug/m3	0.052
Styrene	**25**		pptv	12
Styrene	**0.11**		ug/m3	0.051
4-Ethyltoluene	**18**		pptv	12
4-Ethyltoluene	**0.089**		ug/m3	0.059

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-004 Analyte	Result	Qual	Units	RL
1,3,5-Trimethylbenzene	**15**		pptv	12
1,3,5-Trimethylbenzene	**0.072**		ug/m3	0.059
1,2,4-Trimethylbenzene	**52**		pptv	12
1,2,4-Trimethylbenzene	**0.26**		ug/m3	0.059
2,2,4-Trimethylpentane	**110**		pptv	12
2,2,4-Trimethylpentane	**0.51**		ug/m3	0.056
Xylene (total)	**210**		pptv	12
Xylene (total)	**0.92**		ug/m3	0.052

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: IA-009	Lab ID: 457923-005	Collected: 02/03/22 18:38
	Matrix: Air	

457923-005 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**440**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**15**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**520**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
Vinyl Chloride	**11**		pptv	10
Vinyl Chloride	**0.029**		ug/m3	0.026
1,3-Butadiene	**27**		pptv	10
1,3-Butadiene	**0.060**		ug/m3	0.022
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**64**		pptv	10
Freon 113	**0.49**		ug/m3	0.077
Methylene Chloride	**280**		pptv	20
Methylene Chloride	**0.98**		ug/m3	0.069
Chloroform	**1,700**		pptv	10
Chloroform	**8.3**		ug/m3	0.049
Carbon Tetrachloride	**80**		pptv	10
Carbon Tetrachloride	**0.50**		ug/m3	0.063
Benzene	**180**		pptv	10
Benzene	**0.58**		ug/m3	0.032
1,2-Dichloroethane	**17**		pptv	10
1,2-Dichloroethane	**0.068**		ug/m3	0.040
Bromodichloromethane	**170**		pptv	10
Bromodichloromethane	**1.1**		ug/m3	0.067
Toluene	**310**		pptv	10
Toluene	**1.2**		ug/m3	0.038
Tetrachloroethene	**29**		pptv	10
Tetrachloroethene	**0.20**		ug/m3	0.068
Dibromochloromethane	**110**		pptv	10
Dibromochloromethane	**0.95**		ug/m3	0.085
Ethylbenzene	**47**		pptv	10
Ethylbenzene	**0.21**		ug/m3	0.043
m,p-Xylenes	**140**		pptv	10
m,p-Xylenes	**0.60**		ug/m3	0.043
o-Xylene	**51**		pptv	10
o-Xylene	**0.22**		ug/m3	0.043
Styrene	**37**		pptv	10
Styrene	**0.16**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-005 Analyte	Result	Qual	Units	RL
Bromoform	**19**		pptv	10
Bromoform	**0.20**		ug/m3	0.10
4-Ethyltoluene	**17**		pptv	10
4-Ethyltoluene	**0.084**		ug/m3	0.049
1,3,5-Trimethylbenzene	**12**		pptv	10
1,3,5-Trimethylbenzene	**0.061**		ug/m3	0.049
1,2,4-Trimethylbenzene	**45**		pptv	10
1,2,4-Trimethylbenzene	**0.22**		ug/m3	0.049
2,2,4-Trimethylpentane	**91**		pptv	10
2,2,4-Trimethylpentane	**0.42**		ug/m3	0.047
2-Chlorotoluene	**180**		pptv	10
2-Chlorotoluene	**0.94**		ug/m3	0.052
Xylene (total)	**190**		pptv	10
Xylene (total)	**0.82**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: OA-001	Lab ID: 457923-006	Collected: 02/03/22 18:11
	Matrix: Air	

457923-006 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**16**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**510**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
1,3-Butadiene	**20**		pptv	10
1,3-Butadiene	**0.044**		ug/m3	0.022
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**65**		pptv	10
Freon 113	**0.50**		ug/m3	0.077
Methylene Chloride	**440**		pptv	20
Methylene Chloride	**1.5**		ug/m3	0.069
Chloroform	**22**		pptv	10
Chloroform	**0.11**		ug/m3	0.049
Carbon Tetrachloride	**77**		pptv	10
Carbon Tetrachloride	**0.48**		ug/m3	0.063
Benzene	**170**		pptv	10
Benzene	**0.55**		ug/m3	0.032
1,2-Dichloroethane	**17**		pptv	10
1,2-Dichloroethane	**0.067**		ug/m3	0.040
Toluene	**210**		pptv	10
Toluene	**0.81**		ug/m3	0.038
Ethylbenzene	**38**		pptv	10
Ethylbenzene	**0.16**		ug/m3	0.043
m,p-Xylenes	**100**		pptv	10
m,p-Xylenes	**0.45**		ug/m3	0.043
o-Xylene	**41**		pptv	10
o-Xylene	**0.18**		ug/m3	0.043
1,2,4-Trimethylbenzene	**20**		pptv	10
1,2,4-Trimethylbenzene	**0.098**		ug/m3	0.049
2,2,4-Trimethylpentane	**74**		pptv	10
2,2,4-Trimethylpentane	**0.35**		ug/m3	0.047
Xylene (total)	**150**		pptv	10
Xylene (total)	**0.63**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: OA-002	Lab ID: 457923-007	Collected: 02/03/22 18:22
	Matrix: Air	

457923-007 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**16**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**510**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
1,3-Butadiene	**13**		pptv	10
1,3-Butadiene	**0.028**		ug/m3	0.022
Trichlorofluoromethane	**200**		pptv	10
Trichlorofluoromethane	**1.1**		ug/m3	0.056
Freon 113	**64**		pptv	10
Freon 113	**0.49**		ug/m3	0.077
Methylene Chloride	**260**		pptv	20
Methylene Chloride	**0.89**		ug/m3	0.069
Chloroform	**22**		pptv	10
Chloroform	**0.11**		ug/m3	0.049
Carbon Tetrachloride	**76**		pptv	10
Carbon Tetrachloride	**0.48**		ug/m3	0.063
Benzene	**130**		pptv	10
Benzene	**0.40**		ug/m3	0.032
1,2-Dichloroethane	**16**		pptv	10
1,2-Dichloroethane	**0.066**		ug/m3	0.040
Toluene	**130**		pptv	10
Toluene	**0.50**		ug/m3	0.038
Ethylbenzene	**24**		pptv	10
Ethylbenzene	**0.10**		ug/m3	0.043
m,p-Xylenes	**64**		pptv	10
m,p-Xylenes	**0.28**		ug/m3	0.043
o-Xylene	**26**		pptv	10
o-Xylene	**0.11**		ug/m3	0.043
1,2,4-Trimethylbenzene	**19**		pptv	10
1,2,4-Trimethylbenzene	**0.091**		ug/m3	0.049
2,2,4-Trimethylpentane	**42**		pptv	10
2,2,4-Trimethylpentane	**0.20**		ug/m3	0.047
Xylene (total)	**91**		pptv	10
Xylene (total)	**0.39**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: OA-003	Lab ID: 457923-008	Collected: 02/03/22 18:18
	Matrix: Air	

457923-008 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**16**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**510**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
1,3-Butadiene	**13**		pptv	10
1,3-Butadiene	**0.029**		ug/m3	0.022
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**65**		pptv	10
Freon 113	**0.50**		ug/m3	0.077
Methylene Chloride	**180**		pptv	20
Methylene Chloride	**0.63**		ug/m3	0.069
Chloroform	**23**		pptv	10
Chloroform	**0.11**		ug/m3	0.049
Carbon Tetrachloride	**77**		pptv	10
Carbon Tetrachloride	**0.49**		ug/m3	0.063
Benzene	**130**		pptv	10
Benzene	**0.40**		ug/m3	0.032
1,2-Dichloroethane	**17**		pptv	10
1,2-Dichloroethane	**0.067**		ug/m3	0.040
Toluene	**140**		pptv	10
Toluene	**0.52**		ug/m3	0.038
Ethylbenzene	**25**		pptv	10
Ethylbenzene	**0.11**		ug/m3	0.043
m,p-Xylenes	**67**		pptv	10
m,p-Xylenes	**0.29**		ug/m3	0.043
o-Xylene	**27**		pptv	10
o-Xylene	**0.12**		ug/m3	0.043
1,2,4-Trimethylbenzene	**20**		pptv	10
1,2,4-Trimethylbenzene	**0.096**		ug/m3	0.049
2,2,4-Trimethylpentane	**45**		pptv	10
2,2,4-Trimethylpentane	**0.21**		ug/m3	0.047
Xylene (total)	**94**		pptv	10
Xylene (total)	**0.41**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: IA-010	Lab ID: 457923-009	Collected: 02/03/22 18:40
	Matrix: Air	

457923-009 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 SIM Prep Method: METHOD				
Freon 12	**450**		pptv	10
Freon 12	**2.2**		ug/m3	0.049
Freon 114	**16**		pptv	10
Freon 114	**0.11**		ug/m3	0.070
Chloromethane	**530**		pptv	10
Chloromethane	**1.1**		ug/m3	0.021
Vinyl Chloride	**11**		pptv	10
Vinyl Chloride	**0.028**		ug/m3	0.026
1,3-Butadiene	**26**		pptv	10
1,3-Butadiene	**0.057**		ug/m3	0.022
Chloroethane	**11**		pptv	10
Chloroethane	**0.028**		ug/m3	0.026
Trichlorofluoromethane	**210**		pptv	10
Trichlorofluoromethane	**1.2**		ug/m3	0.056
Freon 113	**64**		pptv	10
Freon 113	**0.49**		ug/m3	0.077
Methylene Chloride	**310**		pptv	20
Methylene Chloride	**1.1**		ug/m3	0.069
Chloroform	**1,700**		pptv	10
Chloroform	**8.2**		ug/m3	0.049
Carbon Tetrachloride	**80**		pptv	10
Carbon Tetrachloride	**0.50**		ug/m3	0.063
Benzene	**170**		pptv	10
Benzene	**0.54**		ug/m3	0.032
1,2-Dichloroethane	**18**		pptv	10
1,2-Dichloroethane	**0.072**		ug/m3	0.040
Bromodichloromethane	**180**		pptv	10
Bromodichloromethane	**1.2**		ug/m3	0.067
Toluene	**290**		pptv	10
Toluene	**1.1**		ug/m3	0.038
Tetrachloroethene	**35**		pptv	10
Tetrachloroethene	**0.24**		ug/m3	0.068
Dibromochloromethane	**110**		pptv	10
Dibromochloromethane	**0.97**		ug/m3	0.085
Ethylbenzene	**47**		pptv	10
Ethylbenzene	**0.20**		ug/m3	0.043
m,p-Xylenes	**130**		pptv	10
m,p-Xylenes	**0.58**		ug/m3	0.043
o-Xylene	**51**		pptv	10
o-Xylene	**0.22**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

457923-009 Analyte	Result	Qual	Units	RL
Styrene	**35**		pptv	10
Styrene	**0.15**		ug/m3	0.043
Bromoform	**19**		pptv	10
Bromoform	**0.20**		ug/m3	0.10
4-Ethyltoluene	**18**		pptv	10
4-Ethyltoluene	**0.088**		ug/m3	0.049
1,3,5-Trimethylbenzene	**11**		pptv	10
1,3,5-Trimethylbenzene	**0.052**		ug/m3	0.049
1,2,4-Trimethylbenzene	**33**		pptv	10
1,2,4-Trimethylbenzene	**0.16**		ug/m3	0.049
2,2,4-Trimethylpentane	**92**		pptv	10
2,2,4-Trimethylpentane	**0.43**		ug/m3	0.047
2-Chlorotoluene	**110**		pptv	10
2-Chlorotoluene	**0.59**		ug/m3	0.052
Xylene (total)	**180**		pptv	10
Xylene (total)	**0.80**		ug/m3	0.043

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 457923

Page: 1 of 1

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

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	WSP USA	Name:	Okaigan Dojo
Report To:	Yutian Lei	Number:	
Email:	sanjosemain@wsp.com	P.O. #:	31402714.000
Address:	2025 Gateway Pl suite 348	Address:	19720 Stevens Creek
Phone:	408 · 878 · 0668	Global ID:	
Fax:		Sampled By:	Lusi.T / Elena.R

Special Instructions:

	Sample ID	Type (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: VOC TO-15 SIM
1	IA-005	I	C70192	3	A70121	2/3/22	1006	30	2/3/22	1804	6	X
2	IA-006	I	C70176		A70005	2/3/22	1004	30	2/3/22	1806	5	X
3	IA-007	I	C70006		A70138	2/3/22	0950	30	2/3/22	1726	10	X
4	IA-008	I	C70194		A70871	2/3/22	0948	30	2/3/22	1724	11	X
5	IA-009	I	C70144		A70021	2/3/22	1039	30	2/3/22	1838	7	X
6	OA-001	A	C70297		A70091	2/3/22	1016	30	2/3/22	1811	6	X
7	OA-002	A	C70175		A70083	2/3/22	1025	30	2/3/22	1822	4	X
8	OA-003	A	C70251		A70809	2/3/22	1031	29	2/3/22	1818	4	X
9	IA-010	I	C70011		A70057	2/3/22	1037	29	2/3/22	1840	3	X
10												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lusi Tai	Lusi Tai	WSP USA / Consultant	Audrey Hudson 02/07/22 12:48
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	02/07/22 12:48
2 Relinquished By:	Audrey Hudson	"	"	02/07/22 15:17
2 Received By:	[illegible]	Marc [illegible]	EA	2/7/22 1522
3 Relinquished By:	[illegible]	Miguel Gamboa	EA	2/7/22 1707
3 Received By:	[illegible]	Nick	EA	2/8/22 0930

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: WSP Project: Okaigan Dojo

Date Received: 2/8/22 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: [signature] Date: 2/8/22

PACKAGE
EXPRESS

A8647260B

LBLBC-GPX (REV 11/19)

PACKAGE
EXPRESS

A8647263B

LBLBC-GPX (REV 11/19)

ENTHALPY ANALYTICAL

Analysis Results for 457923

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 457923
Project No: 31402714.000
Location: Okaigan Dojo
Date Received: 02/07/22

Sample ID: IA-005 **Lab ID: 457923-001** **Collected: 02/03/22 18:04**
Matrix: Air

457923-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 114	**16**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloromethane	**550**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Vinyl Chloride	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Vinyl Chloride	ND		ug/m3	0.026	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3-Butadiene	**42**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3-Butadiene	**0.094**		ug/m3	0.022	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloroethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloroethane	ND		ug/m3	0.026	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 113	**65**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Freon 113	**0.50**		ug/m3	0.077	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Methylene Chloride	**490**		pptv	20	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Methylene Chloride	**1.7**		ug/m3	0.069	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloroform	**210**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chloroform	**1.0**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 23:09	02/13/22 23:09	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Carbon Tetrachloride	**79**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Carbon Tetrachloride	**0.50**		ug/m3	0.063	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Benzene	**200**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Benzene	**0.64**		ug/m3	0.032	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichloroethane	**19**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichloroethane	**0.076**		ug/m3	0.040	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Trichloroethene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromodichloromethane	**55**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromodichloromethane	**0.37**		ug/m3	0.067	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Toluene	**270**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Toluene	**1.0**		ug/m3	0.038	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Tetrachloroethene	**62**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Tetrachloroethene	**0.42**		ug/m3	0.068	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Dibromochloromethane	**41**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Dibromochloromethane	**0.35**		ug/m3	0.085	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Ethylbenzene	**49**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Ethylbenzene	**0.21**		ug/m3	0.043	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
m,p-Xylenes	**140**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
m,p-Xylenes	**0.62**		ug/m3	0.043	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
o-Xylene	**55**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
o-Xylene	**0.24**		ug/m3	0.043	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Styrene	**52**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Styrene	**0.22**		ug/m3	0.043	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromoform	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Bromoform	ND		ug/m3	0.10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
4-Ethyltoluene	**17**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
4-Ethyltoluene	**0.085**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3,5-Trimethylbenzene	**16**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3,5-Trimethylbenzene	**0.077**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2,4-Trimethylbenzene	**56**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2,4-Trimethylbenzene	**0.27**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 23:09	02/13/22 23:09	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dichlorobenzene	**14**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,4-Dichlorobenzene	**0.084**		ug/m3	0.060	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Benzyl chloride	**15**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Benzyl chloride	**0.075**		ug/m3	0.052	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
2,2,4-Trimethylpentane	**70**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
2,2,4-Trimethylpentane	**0.33**		ug/m3	0.047	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
2-Chlorotoluene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
2-Chlorotoluene	ND		ug/m3	0.052	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Naphthalene	**13**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Naphthalene	**0.066**		ug/m3	0.052	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Propylbenzene	**11**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Propylbenzene	**0.053**		ug/m3	0.049	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Xylene (total)	**200**		pptv	10	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Xylene (total)	**0.86**		ug/m3	0.043	1	283685	02/13/22 23:09	02/13/22 23:09	DJL
Surrogates				**Limits**					
Bromofluorobenzene	99%		%REC	60-140	1	283685	02/13/22 23:09	02/13/22 23:09	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: IA-006	Lab ID: 457923-002	Collected: 02/03/22 18:06
	Matrix: Air	

457923-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 114	**15**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloromethane	**540**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Vinyl Chloride	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Vinyl Chloride	ND		ug/m3	0.026	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3-Butadiene	**45**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3-Butadiene	**0.099**		ug/m3	0.022	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloroethane	**17**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloroethane	**0.044**		ug/m3	0.026	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 113	**65**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Freon 113	**0.50**		ug/m3	0.077	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Methylene Chloride	**450**		pptv	20	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Methylene Chloride	**1.6**		ug/m3	0.069	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloroform	**210**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chloroform	**1.0**		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Carbon Tetrachloride	**78**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Carbon Tetrachloride	**0.49**		ug/m3	0.063	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Benzene	**200**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Benzene	**0.65**		ug/m3	0.032	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichloroethane	**18**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichloroethane	**0.072**		ug/m3	0.040	1	283685	02/13/22 23:57	02/13/22 23:57	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromodichloromethane	**69**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromodichloromethane	**0.46**		ug/m3	0.067	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Toluene	**260**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Toluene	**1.0**		ug/m3	0.038	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Tetrachloroethene	**97**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Tetrachloroethene	**0.66**		ug/m3	0.068	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Dibromochloromethane	**49**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Dibromochloromethane	**0.42**		ug/m3	0.085	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Ethylbenzene	**49**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Ethylbenzene	**0.21**		ug/m3	0.043	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
m,p-Xylenes	**140**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
m,p-Xylenes	**0.63**		ug/m3	0.043	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
o-Xylene	**56**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
o-Xylene	**0.24**		ug/m3	0.043	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Styrene	**37**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Styrene	**0.16**		ug/m3	0.043	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromoform	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Bromoform	ND		ug/m3	0.10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
4-Ethyltoluene	**16**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
4-Ethyltoluene	**0.076**		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3,5-Trimethylbenzene	**16**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3,5-Trimethylbenzene	**0.077**		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2,4-Trimethylbenzene	**54**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2,4-Trimethylbenzene	**0.26**		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,4-Dichlorobenzene	**10**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,4-Dichlorobenzene	**0.062**		ug/m3	0.060	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Benzyl chloride	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 23:57	02/13/22 23:57	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
2,2,4-Trimethylpentane	**74**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
2,2,4-Trimethylpentane	**0.35**		ug/m3	0.047	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
2-Chlorotoluene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
2-Chlorotoluene	ND		ug/m3	0.052	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Naphthalene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Naphthalene	ND		ug/m3	0.052	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Propylbenzene	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Propylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Xylene (total)	**200**		pptv	10	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Xylene (total)	**0.87**		ug/m3	0.043	1	283685	02/13/22 23:57	02/13/22 23:57	DJL
Surrogates				**Limits**					
Bromofluorobenzene	99%		%REC	60-140	1	283685	02/13/22 23:57	02/13/22 23:57	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: IA-007	Lab ID: 457923-003	Collected: 02/03/22 17:26
	Matrix: Air	

457923-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,4-Dioxane	ND		ug/m3	0.043	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 12	**430**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 12	**2.1**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 114	**16**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 114	**0.11**		ug/m3	0.084	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloromethane	**540**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloromethane	**1.1**		ug/m3	0.025	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Vinyl Chloride	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Vinyl Chloride	ND		ug/m3	0.031	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3-Butadiene	**38**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3-Butadiene	**0.085**		ug/m3	0.027	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromomethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromomethane	ND		ug/m3	0.047	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloroethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloroethane	ND		ug/m3	0.032	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Trichlorofluoromethane	**210**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.067	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1-Dichloroethene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1-Dichloroethene	ND		ug/m3	0.048	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 113	**66**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Freon 113	**0.51**		ug/m3	0.092	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Methylene Chloride	**640**		pptv	24	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Methylene Chloride	**2.2**		ug/m3	0.083	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
trans-1,2-Dichloroethene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.048	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1-Dichloroethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1-Dichloroethane	ND		ug/m3	0.049	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
cis-1,2-Dichloroethene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.048	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloroform	**260**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chloroform	**1.3**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1,1-Trichloroethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.065	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Carbon Tetrachloride	**76**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Carbon Tetrachloride	**0.48**		ug/m3	0.075	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Benzene	**230**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Benzene	**0.74**		ug/m3	0.038	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichloroethane	**17**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichloroethane	**0.068**		ug/m3	0.049	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	**18**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Trichloroethene	**0.095**		ug/m3	0.064	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichloropropane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichloropropane	ND		ug/m3	0.055	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromodichloromethane	**86**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromodichloromethane	**0.57**		ug/m3	0.080	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
cis-1,3-Dichloropropene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.054	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Toluene	**470**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Toluene	**1.8**		ug/m3	0.045	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
trans-1,3-Dichloropropene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.054	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1,2-Trichloroethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.065	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Tetrachloroethene	**110**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Tetrachloroethene	**0.71**		ug/m3	0.081	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Dibromochloromethane	**62**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Dibromochloromethane	**0.53**		ug/m3	0.10	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dibromoethane	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dibromoethane	ND		ug/m3	0.092	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chlorobenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Chlorobenzene	ND		ug/m3	0.055	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Ethylbenzene	**66**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Ethylbenzene	**0.29**		ug/m3	0.052	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
m,p-Xylenes	**200**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
m,p-Xylenes	**0.88**		ug/m3	0.052	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
o-Xylene	**79**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
o-Xylene	**0.34**		ug/m3	0.052	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Styrene	**56**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Styrene	**0.24**		ug/m3	0.051	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromoform	**13**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Bromoform	**0.13**		ug/m3	0.12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
4-Ethyltoluene	**22**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
4-Ethyltoluene	**0.11**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3,5-Trimethylbenzene	**19**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3,5-Trimethylbenzene	**0.095**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2,4-Trimethylbenzene	**68**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2,4-Trimethylbenzene	**0.34**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3-Dichlorobenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.072	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,4-Dichlorobenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.072	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Benzyl chloride	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Benzyl chloride	ND		ug/m3	0.062	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichlorobenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.072	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.089	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Hexachlorobutadiene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Hexachlorobutadiene	ND		ug/m3	0.13	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
2,2,4-Trimethylpentane	**110**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
2,2,4-Trimethylpentane	**0.51**		ug/m3	0.056	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
2-Chlorotoluene	**16**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
2-Chlorotoluene	**0.082**		ug/m3	0.062	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Isopropylbenzene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Isopropylbenzene	ND		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Naphthalene	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Naphthalene	ND		ug/m3	0.063	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Propylbenzene	**12**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Propylbenzene	**0.059**		ug/m3	0.059	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Vinyl bromide	ND		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Vinyl bromide	ND		ug/m3	0.052	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Xylene (total)	**280**		pptv	12	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Xylene (total)	**1.2**		ug/m3	0.052	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL
Surrogates				**Limits**					
Bromofluorobenzene	98%		%REC	60-140	1.2	283685	02/14/22 00:46	02/14/22 00:46	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: IA-008	Lab ID: 457923-004	Collected: 02/03/22 17:24
	Matrix: Air	

457923-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,4-Dioxane	ND		ug/m3	0.043	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 12	**440**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 12	**2.2**		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 114	**16**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 114	**0.11**		ug/m3	0.084	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloromethane	**540**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloromethane	**1.1**		ug/m3	0.025	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Vinyl Chloride	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Vinyl Chloride	ND		ug/m3	0.031	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3-Butadiene	**28**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3-Butadiene	**0.063**		ug/m3	0.027	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromomethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromomethane	ND		ug/m3	0.047	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloroethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloroethane	ND		ug/m3	0.032	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Trichlorofluoromethane	**210**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.067	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1-Dichloroethene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1-Dichloroethene	ND		ug/m3	0.048	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 113	**65**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Freon 113	**0.50**		ug/m3	0.092	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Methylene Chloride	**190**		pptv	24	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Methylene Chloride	**0.66**		ug/m3	0.083	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
trans-1,2-Dichloroethene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.048	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1-Dichloroethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1-Dichloroethane	ND		ug/m3	0.049	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
cis-1,2-Dichloroethene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.048	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloroform	**140**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chloroform	**0.68**		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1,1-Trichloroethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.065	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Carbon Tetrachloride	**77**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Carbon Tetrachloride	**0.48**		ug/m3	0.075	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Benzene	**180**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Benzene	**0.58**		ug/m3	0.038	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichloroethane	**17**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichloroethane	**0.070**		ug/m3	0.049	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Trichloroethene	ND		ug/m3	0.064	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichloropropane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichloropropane	ND		ug/m3	0.055	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromodichloromethane	**24**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromodichloromethane	**0.16**		ug/m3	0.080	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
cis-1,3-Dichloropropene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.054	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Toluene	**320**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Toluene	**1.2**		ug/m3	0.045	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
trans-1,3-Dichloropropene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.054	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1,2-Trichloroethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.065	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Tetrachloroethene	**84**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Tetrachloroethene	**0.57**		ug/m3	0.081	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Dibromochloromethane	**17**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Dibromochloromethane	**0.14**		ug/m3	0.10	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dibromoethane	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dibromoethane	ND		ug/m3	0.092	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chlorobenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Chlorobenzene	ND		ug/m3	0.055	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Ethylbenzene	**52**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Ethylbenzene	**0.23**		ug/m3	0.052	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
m,p-Xylenes	**150**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
m,p-Xylenes	**0.65**		ug/m3	0.052	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
o-Xylene	**60**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
o-Xylene	**0.26**		ug/m3	0.052	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Styrene	**25**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Styrene	**0.11**		ug/m3	0.051	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromoform	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Bromoform	ND		ug/m3	0.12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
4-Ethyltoluene	**18**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
4-Ethyltoluene	**0.089**		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3,5-Trimethylbenzene	**15**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3,5-Trimethylbenzene	**0.072**		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2,4-Trimethylbenzene	**52**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2,4-Trimethylbenzene	**0.26**		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3-Dichlorobenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.072	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,4-Dichlorobenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.072	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Benzyl chloride	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Benzyl chloride	ND		ug/m3	0.062	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichlorobenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.072	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.089	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Hexachlorobutadiene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Hexachlorobutadiene	ND		ug/m3	0.13	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
2,2,4-Trimethylpentane	**110**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
2,2,4-Trimethylpentane	**0.51**		ug/m3	0.056	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
2-Chlorotoluene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
2-Chlorotoluene	ND		ug/m3	0.062	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Isopropylbenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Isopropylbenzene	ND		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Naphthalene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Naphthalene	ND		ug/m3	0.063	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Propylbenzene	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Propylbenzene	ND		ug/m3	0.059	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Vinyl bromide	ND		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Vinyl bromide	ND		ug/m3	0.052	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Xylene (total)	**210**		pptv	12	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Xylene (total)	**0.92**		ug/m3	0.052	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL
Surrogates				**Limits**					
Bromofluorobenzene	99%		%REC	60-140	1.2	283713	02/14/22 15:00	02/14/22 15:00	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: IA-009	Lab ID: 457923-005	Collected: 02/03/22 18:38
	Matrix: Air	

457923-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 12	**440**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 114	**15**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloromethane	**520**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Vinyl Chloride	**11**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Vinyl Chloride	**0.029**		ug/m3	0.026	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3-Butadiene	**27**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3-Butadiene	**0.060**		ug/m3	0.022	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromomethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromomethane	ND		ug/m3	0.039	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloroethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloroethane	ND		ug/m3	0.026	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1-Dichloroethene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 113	**64**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Freon 113	**0.49**		ug/m3	0.077	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Methylene Chloride	**280**		pptv	20	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Methylene Chloride	**0.98**		ug/m3	0.069	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1-Dichloroethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloroform	**1,700**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chloroform	**8.3**		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Carbon Tetrachloride	**80**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Carbon Tetrachloride	**0.50**		ug/m3	0.063	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Benzene	**180**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Benzene	**0.58**		ug/m3	0.032	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichloroethane	**17**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichloroethane	**0.068**		ug/m3	0.040	1	283713	02/14/22 20:14	02/14/22 20:14	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Trichloroethene	ND		ug/m3	0.054	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichloropropane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromodichloromethane	**170**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromodichloromethane	**1.1**		ug/m3	0.067	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Toluene	**310**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Toluene	**1.2**		ug/m3	0.038	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Tetrachloroethene	**29**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Tetrachloroethene	**0.20**		ug/m3	0.068	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Dibromochloromethane	**110**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Dibromochloromethane	**0.95**		ug/m3	0.085	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dibromoethane	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chlorobenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Ethylbenzene	**47**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Ethylbenzene	**0.21**		ug/m3	0.043	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
m,p-Xylenes	**140**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
m,p-Xylenes	**0.60**		ug/m3	0.043	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
o-Xylene	**51**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
o-Xylene	**0.22**		ug/m3	0.043	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Styrene	**37**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Styrene	**0.16**		ug/m3	0.043	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromoform	**19**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Bromoform	**0.20**		ug/m3	0.10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
4-Ethyltoluene	**17**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
4-Ethyltoluene	**0.084**		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3,5-Trimethylbenzene	**12**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3,5-Trimethylbenzene	**0.061**		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2,4-Trimethylbenzene	**45**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2,4-Trimethylbenzene	**0.22**		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,4-Dichlorobenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.060	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Benzyl chloride	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283713	02/14/22 20:14	02/14/22 20:14	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Hexachlorobutadiene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
2,2,4-Trimethylpentane	**91**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
2,2,4-Trimethylpentane	**0.42**		ug/m3	0.047	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
2-Chlorotoluene	**180**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
2-Chlorotoluene	**0.94**		ug/m3	0.052	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Isopropylbenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Naphthalene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Naphthalene	ND		ug/m3	0.052	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Propylbenzene	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Propylbenzene	ND		ug/m3	0.049	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Vinyl bromide	ND		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Xylene (total)	**190**		pptv	10	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Xylene (total)	**0.82**		ug/m3	0.043	1	283713	02/14/22 20:14	02/14/22 20:14	DJL
Surrogates				**Limits**					
Bromofluorobenzene	96%		%REC	60-140	1	283713	02/14/22 20:14	02/14/22 20:14	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: OA-001	Lab ID: 457923-006	Collected: 02/03/22 18:11
	Matrix: Air	

457923-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 114	**16**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloromethane	**510**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Vinyl Chloride	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Vinyl Chloride	ND		ug/m3	0.026	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3-Butadiene	**20**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3-Butadiene	**0.044**		ug/m3	0.022	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloroethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloroethane	ND		ug/m3	0.026	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 113	**65**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Freon 113	**0.50**		ug/m3	0.077	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Methylene Chloride	**440**		pptv	20	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Methylene Chloride	**1.5**		ug/m3	0.069	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloroform	**22**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chloroform	**0.11**		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Carbon Tetrachloride	**77**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Carbon Tetrachloride	**0.48**		ug/m3	0.063	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Benzene	**170**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Benzene	**0.55**		ug/m3	0.032	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichloroethane	**17**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichloroethane	**0.067**		ug/m3	0.040	1	283685	02/13/22 14:35	02/13/22 14:35	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromodichloromethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromodichloromethane	ND		ug/m3	0.067	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Toluene	**210**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Toluene	**0.81**		ug/m3	0.038	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Tetrachloroethene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Tetrachloroethene	ND		ug/m3	0.068	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Dibromochloromethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Dibromochloromethane	ND		ug/m3	0.085	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Ethylbenzene	**38**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Ethylbenzene	**0.16**		ug/m3	0.043	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
m,p-Xylenes	**100**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
m,p-Xylenes	**0.45**		ug/m3	0.043	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
o-Xylene	**41**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
o-Xylene	**0.18**		ug/m3	0.043	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Styrene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Styrene	ND		ug/m3	0.043	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromoform	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Bromoform	ND		ug/m3	0.10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
4-Ethyltoluene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
4-Ethyltoluene	ND		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3,5-Trimethylbenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2,4-Trimethylbenzene	**20**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2,4-Trimethylbenzene	**0.098**		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,4-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Benzyl chloride	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 14:35	02/13/22 14:35	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
2,2,4-Trimethylpentane	**74**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
2,2,4-Trimethylpentane	**0.35**		ug/m3	0.047	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
2-Chlorotoluene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
2-Chlorotoluene	ND		ug/m3	0.052	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Naphthalene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Naphthalene	ND		ug/m3	0.052	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Propylbenzene	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Propylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Xylene (total)	**150**		pptv	10	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Xylene (total)	**0.63**		ug/m3	0.043	1	283685	02/13/22 14:35	02/13/22 14:35	DJL
Surrogates				**Limits**					
Bromofluorobenzene	98%		%REC	60-140	1	283685	02/13/22 14:35	02/13/22 14:35	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: OA-002	Lab ID: 457923-007	Collected: 02/03/22 18:22
	Matrix: Air	

457923-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 114	**16**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloromethane	**510**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Vinyl Chloride	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Vinyl Chloride	ND		ug/m3	0.026	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3-Butadiene	**13**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3-Butadiene	**0.028**		ug/m3	0.022	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloroethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloroethane	ND		ug/m3	0.026	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Trichlorofluoromethane	**200**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Trichlorofluoromethane	**1.1**		ug/m3	0.056	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 113	**64**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Freon 113	**0.49**		ug/m3	0.077	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Methylene Chloride	**260**		pptv	20	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Methylene Chloride	**0.89**		ug/m3	0.069	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloroform	**22**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chloroform	**0.11**		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Carbon Tetrachloride	**76**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Carbon Tetrachloride	**0.48**		ug/m3	0.063	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Benzene	**130**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Benzene	**0.40**		ug/m3	0.032	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichloroethane	**16**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichloroethane	**0.066**		ug/m3	0.040	1	283685	02/13/22 15:22	02/13/22 15:22	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromodichloromethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromodichloromethane	ND		ug/m3	0.067	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Toluene	**130**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Toluene	**0.50**		ug/m3	0.038	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Tetrachloroethene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Tetrachloroethene	ND		ug/m3	0.068	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Dibromochloromethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Dibromochloromethane	ND		ug/m3	0.085	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Ethylbenzene	**24**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Ethylbenzene	**0.10**		ug/m3	0.043	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
m,p-Xylenes	**64**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
m,p-Xylenes	**0.28**		ug/m3	0.043	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
o-Xylene	**26**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
o-Xylene	**0.11**		ug/m3	0.043	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Styrene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Styrene	ND		ug/m3	0.043	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromoform	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Bromoform	ND		ug/m3	0.10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
4-Ethyltoluene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
4-Ethyltoluene	ND		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3,5-Trimethylbenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2,4-Trimethylbenzene	**19**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2,4-Trimethylbenzene	**0.091**		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,4-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Benzyl chloride	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 15:22	02/13/22 15:22	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
2,2,4-Trimethylpentane	**42**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
2,2,4-Trimethylpentane	**0.20**		ug/m3	0.047	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
2-Chlorotoluene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
2-Chlorotoluene	ND		ug/m3	0.052	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Naphthalene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Naphthalene	ND		ug/m3	0.052	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Propylbenzene	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Propylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Xylene (total)	**91**		pptv	10	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Xylene (total)	**0.39**		ug/m3	0.043	1	283685	02/13/22 15:22	02/13/22 15:22	DJL
Surrogates				**Limits**					
Bromofluorobenzene	98%		%REC	60-140	1	283685	02/13/22 15:22	02/13/22 15:22	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: OA-003	Lab ID: 457923-008	Collected: 02/03/22 18:18
	Matrix: Air	

457923-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 114	**16**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloromethane	**510**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Vinyl Chloride	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Vinyl Chloride	ND		ug/m3	0.026	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3-Butadiene	**13**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3-Butadiene	**0.029**		ug/m3	0.022	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloroethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloroethane	ND		ug/m3	0.026	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 113	**65**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Freon 113	**0.50**		ug/m3	0.077	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Methylene Chloride	**180**		pptv	20	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Methylene Chloride	**0.63**		ug/m3	0.069	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloroform	**23**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chloroform	**0.11**		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Carbon Tetrachloride	**77**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Carbon Tetrachloride	**0.49**		ug/m3	0.063	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Benzene	**130**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Benzene	**0.40**		ug/m3	0.032	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichloroethane	**17**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichloroethane	**0.067**		ug/m3	0.040	1	283685	02/13/22 16:11	02/13/22 16:11	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromodichloromethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromodichloromethane	ND		ug/m3	0.067	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Toluene	**140**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Toluene	**0.52**		ug/m3	0.038	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Tetrachloroethene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Tetrachloroethene	ND		ug/m3	0.068	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Dibromochloromethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Dibromochloromethane	ND		ug/m3	0.085	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Ethylbenzene	**25**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Ethylbenzene	**0.11**		ug/m3	0.043	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
m,p-Xylenes	**67**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
m,p-Xylenes	**0.29**		ug/m3	0.043	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
o-Xylene	**27**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
o-Xylene	**0.12**		ug/m3	0.043	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Styrene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Styrene	ND		ug/m3	0.043	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromoform	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Bromoform	ND		ug/m3	0.10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
4-Ethyltoluene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
4-Ethyltoluene	ND		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3,5-Trimethylbenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3,5-Trimethylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2,4-Trimethylbenzene	**20**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2,4-Trimethylbenzene	**0.096**		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,4-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Benzyl chloride	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 16:11	02/13/22 16:11	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-008 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
2,2,4-Trimethylpentane	**45**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
2,2,4-Trimethylpentane	**0.21**		ug/m3	0.047	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
2-Chlorotoluene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
2-Chlorotoluene	ND		ug/m3	0.052	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Naphthalene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Naphthalene	ND		ug/m3	0.052	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Propylbenzene	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Propylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Xylene (total)	**94**		pptv	10	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Xylene (total)	**0.41**		ug/m3	0.043	1	283685	02/13/22 16:11	02/13/22 16:11	DJL
Surrogates				**Limits**					
Bromofluorobenzene	97%		%REC	60-140	1	283685	02/13/22 16:11	02/13/22 16:11	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

Sample ID: IA-010	Lab ID: 457923-009	Collected: 02/03/22 18:40
	Matrix: Air	

457923-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA TO-15 SIM Prep Method: METHOD									
1,4-Dioxane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,4-Dioxane	ND		ug/m3	0.036	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 12	**450**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 12	**2.2**		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 114	**16**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 114	**0.11**		ug/m3	0.070	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloromethane	**530**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloromethane	**1.1**		ug/m3	0.021	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Vinyl Chloride	**11**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Vinyl Chloride	**0.028**		ug/m3	0.026	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3-Butadiene	**26**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3-Butadiene	**0.057**		ug/m3	0.022	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromomethane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromomethane	ND		ug/m3	0.039	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloroethane	**11**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloroethane	**0.028**		ug/m3	0.026	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Trichlorofluoromethane	**210**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Trichlorofluoromethane	**1.2**		ug/m3	0.056	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1-Dichloroethene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 113	**64**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Freon 113	**0.49**		ug/m3	0.077	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Methylene Chloride	**310**		pptv	20	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Methylene Chloride	**1.1**		ug/m3	0.069	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
trans-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
trans-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1-Dichloroethane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1-Dichloroethane	ND		ug/m3	0.040	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
cis-1,2-Dichloroethene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
cis-1,2-Dichloroethene	ND		ug/m3	0.040	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloroform	**1,700**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chloroform	**8.2**		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1,1-Trichloroethane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1,1-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Carbon Tetrachloride	**80**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Carbon Tetrachloride	**0.50**		ug/m3	0.063	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Benzene	**170**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Benzene	**0.54**		ug/m3	0.032	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichloroethane	**18**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichloroethane	**0.072**		ug/m3	0.040	1	283685	02/13/22 22:20	02/13/22 22:20	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Trichloroethene	ND		ug/m3	0.054	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichloropropane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichloropropane	ND		ug/m3	0.046	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromodichloromethane	**180**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromodichloromethane	**1.2**		ug/m3	0.067	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
cis-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
cis-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Toluene	**290**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Toluene	**1.1**		ug/m3	0.038	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
trans-1,3-Dichloropropene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
trans-1,3-Dichloropropene	ND		ug/m3	0.045	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1,2-Trichloroethane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,1,2-Trichloroethane	ND		ug/m3	0.055	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Tetrachloroethene	**35**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Tetrachloroethene	**0.24**		ug/m3	0.068	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Dibromochloromethane	**110**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Dibromochloromethane	**0.97**		ug/m3	0.085	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dibromoethane	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dibromoethane	ND		ug/m3	0.077	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chlorobenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Chlorobenzene	ND		ug/m3	0.046	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Ethylbenzene	**47**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Ethylbenzene	**0.20**		ug/m3	0.043	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
m,p-Xylenes	**130**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
m,p-Xylenes	**0.58**		ug/m3	0.043	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
o-Xylene	**51**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
o-Xylene	**0.22**		ug/m3	0.043	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Styrene	**35**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Styrene	**0.15**		ug/m3	0.043	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromoform	**19**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Bromoform	**0.20**		ug/m3	0.10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
4-Ethyltoluene	**18**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
4-Ethyltoluene	**0.088**		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3,5-Trimethylbenzene	**11**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3,5-Trimethylbenzene	**0.052**		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2,4-Trimethylbenzene	**33**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2,4-Trimethylbenzene	**0.16**		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,3-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,4-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,4-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Benzyl chloride	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Benzyl chloride	ND		ug/m3	0.052	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichlorobenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2-Dichlorobenzene	ND		ug/m3	0.060	1	283685	02/13/22 22:20	02/13/22 22:20	DJL

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

ENTHALPY ANALYTICAL

Analysis Results for 457923

457923-009 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,2,4-Trichlorobenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
1,2,4-Trichlorobenzene	ND		ug/m3	0.074	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Hexachlorobutadiene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Hexachlorobutadiene	ND		ug/m3	0.11	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
2,2,4-Trimethylpentane	**92**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
2,2,4-Trimethylpentane	**0.43**		ug/m3	0.047	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
2-Chlorotoluene	**110**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
2-Chlorotoluene	**0.59**		ug/m3	0.052	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Isopropylbenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Isopropylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Naphthalene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Naphthalene	ND		ug/m3	0.052	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Propylbenzene	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Propylbenzene	ND		ug/m3	0.049	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Vinyl bromide	ND		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Vinyl bromide	ND		ug/m3	0.044	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Xylene (total)	**180**		pptv	10	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Xylene (total)	**0.80**		ug/m3	0.043	1	283685	02/13/22 22:20	02/13/22 22:20	DJL
Surrogates				**Limits**					
Bromofluorobenzene	97%		%REC	60-140	1	283685	02/13/22 22:20	02/13/22 22:20	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:	QC972107	Batch:	283685
Matrix:	Air	Method:	EPA TO-15 SIM	Prep Method:	METHOD

QC972107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	189.6	200.0	pptv	95%		70-130
Freon 12	204.9	200.0	pptv	102%		70-130
Freon 114	206.9	200.0	pptv	103%		70-130
Chloromethane	188.7	200.0	pptv	94%		70-130
Vinyl Chloride	203.3	200.0	pptv	102%		70-130
1,3-Butadiene	201.2	200.0	pptv	101%		70-130
Bromomethane	204.4	200.0	pptv	102%		70-130
Chloroethane	201.7	200.0	pptv	101%		70-130
Trichlorofluoromethane	203.9	200.0	pptv	102%		70-130
1,1-Dichloroethene	200.7	200.0	pptv	100%		70-130
Freon 113	202.1	200.0	pptv	101%		70-130
Methylene Chloride	194.2	200.0	pptv	97%		70-130
trans-1,2-Dichloroethene	199.8	200.0	pptv	100%		70-130
1,1-Dichloroethane	200.5	200.0	pptv	100%		70-130
cis-1,2-Dichloroethene	198.7	200.0	pptv	99%		70-130
Chloroform	199.2	200.0	pptv	100%		70-130
1,1,1-Trichloroethane	197.4	200.0	pptv	99%		70-130
Carbon Tetrachloride	200.5	200.0	pptv	100%		70-130
Benzene	183.5	200.0	pptv	92%		70-130
1,2-Dichloroethane	197.4	200.0	pptv	99%		70-130
Trichloroethene	177.3	200.0	pptv	89%		70-130
1,2-Dichloropropane	192.9	200.0	pptv	96%		70-130
Bromodichloromethane	196.7	200.0	pptv	98%		70-130
cis-1,3-Dichloropropene	192.7	200.0	pptv	96%		70-130
Toluene	188.9	200.0	pptv	94%		70-130
trans-1,3-Dichloropropene	190.9	200.0	pptv	95%		70-130
1,1,2-Trichloroethane	195.9	200.0	pptv	98%		70-130
Tetrachloroethene	191.9	200.0	pptv	96%		70-130
Dibromochloromethane	193.4	200.0	pptv	97%		70-130
1,2-Dibromoethane	192.1	200.0	pptv	96%		70-130
Chlorobenzene	193.7	200.0	pptv	97%		70-130
Ethylbenzene	191.2	200.0	pptv	96%		70-130
m,p-Xylenes	383.7	400.0	pptv	96%		70-130
o-Xylene	190.5	200.0	pptv	95%		70-130
Styrene	192.6	200.0	pptv	96%		70-130
Bromoform	192.9	200.0	pptv	96%		70-130
4-Ethyltoluene	188.9	200.0	pptv	94%		70-130
1,3,5-Trimethylbenzene	189.6	200.0	pptv	95%		70-130
1,2,4-Trimethylbenzene	186.1	200.0	pptv	93%		70-130
1,3-Dichlorobenzene	189.2	200.0	pptv	95%		70-130
1,4-Dichlorobenzene	183.8	200.0	pptv	92%		70-130
Benzyl chloride	189.4	200.0	pptv	95%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC972107 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,2-Dichlorobenzene	179.2	200.0	pptv	90%		70-130
1,2,4-Trichlorobenzene	173.1	200.0	pptv	87%		70-130
Hexachlorobutadiene	164.1	200.0	pptv	82%		70-130
2,2,4-Trimethylpentane	197.4	200.0	pptv	99%		70-130
2-Chlorotoluene	191.7	200.0	pptv	96%		70-130
Isopropylbenzene	193.9	200.0	pptv	97%		70-130
Naphthalene	152.5	200.0	pptv	76%		70-130
Propylbenzene	193.1	200.0	pptv	97%		70-130
Vinyl bromide	202.9	200.0	pptv	101%		70-130
Surrogates						
Bromofluorobenzene	253.1	250.0	pptv	101%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC972108**	**Batch:**	**283685**
Matrix:	**Air**	**Method:**	**EPA TO-15 SIM**	**Prep Method:**	**METHOD**

QC972108 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	188.7	200.0	pptv	94%		70-130	0	25
Freon 12	199.1	200.0	pptv	100%		70-130	3	25
Freon 114	203.2	200.0	pptv	102%		70-130	2	25
Chloromethane	185.6	200.0	pptv	93%		70-130	2	25
Vinyl Chloride	199.7	200.0	pptv	100%		70-130	2	25
1,3-Butadiene	198.9	200.0	pptv	99%		70-130	1	25
Bromomethane	200.9	200.0	pptv	100%		70-130	2	25
Chloroethane	199.2	200.0	pptv	100%		70-130	1	25
Trichlorofluoromethane	202.9	200.0	pptv	101%		70-130	0	25
1,1-Dichloroethene	200.3	200.0	pptv	100%		70-130	0	25
Freon 113	201.5	200.0	pptv	101%		70-130	0	25
Methylene Chloride	190.6	200.0	pptv	95%		70-130	2	25
trans-1,2-Dichloroethene	199.3	200.0	pptv	100%		70-130	0	25
1,1-Dichloroethane	200.0	200.0	pptv	100%		70-130	0	25
cis-1,2-Dichloroethene	197.9	200.0	pptv	99%		70-130	0	25
Chloroform	198.8	200.0	pptv	99%		70-130	0	25
1,1,1-Trichloroethane	197.5	200.0	pptv	99%		70-130	0	25
Carbon Tetrachloride	201.0	200.0	pptv	100%		70-130	0	25
Benzene	183.4	200.0	pptv	92%		70-130	0	25
1,2-Dichloroethane	197.7	200.0	pptv	99%		70-130	0	25
Trichloroethene	177.1	200.0	pptv	89%		70-130	0	25
1,2-Dichloropropane	191.9	200.0	pptv	96%		70-130	1	25
Bromodichloromethane	198.4	200.0	pptv	99%		70-130	1	25
cis-1,3-Dichloropropene	196.0	200.0	pptv	98%		70-130	2	25
Toluene	189.5	200.0	pptv	95%		70-130	0	25
trans-1,3-Dichloropropene	193.7	200.0	pptv	97%		70-130	1	25
1,1,2-Trichloroethane	195.7	200.0	pptv	98%		70-130	0	25
Tetrachloroethene	192.7	200.0	pptv	96%		70-130	0	25
Dibromochloromethane	194.2	200.0	pptv	97%		70-130	0	25
1,2-Dibromoethane	193.5	200.0	pptv	97%		70-130	1	25
Chlorobenzene	194.8	200.0	pptv	97%		70-130	1	25
Ethylbenzene	192.7	200.0	pptv	96%		70-130	1	25
m,p-Xylenes	391.6	400.0	pptv	98%		70-130	2	25
o-Xylene	195.1	200.0	pptv	98%		70-130	2	25
Styrene	194.5	200.0	pptv	97%		70-130	1	25
Bromoform	194.9	200.0	pptv	97%		70-130	1	25
4-Ethyltoluene	191.4	200.0	pptv	96%		70-130	1	25
1,3,5-Trimethylbenzene	193.2	200.0	pptv	97%		70-130	2	25
1,2,4-Trimethylbenzene	188.4	200.0	pptv	94%		70-130	1	25
1,3-Dichlorobenzene	190.7	200.0	pptv	95%		70-130	1	25
1,4-Dichlorobenzene	185.7	200.0	pptv	93%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC972108 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Benzyl chloride	192.9	200.0	pptv	96%		70-130	2	25
1,2-Dichlorobenzene	182.7	200.0	pptv	91%		70-130	2	25
1,2,4-Trichlorobenzene	179.6	200.0	pptv	90%		70-130	4	25
Hexachlorobutadiene	167.3	200.0	pptv	84%		70-130	2	25
2,2,4-Trimethylpentane	197.4	200.0	pptv	99%		70-130	0	25
2-Chlorotoluene	194.4	200.0	pptv	97%		70-130	1	25
Isopropylbenzene	196.3	200.0	pptv	98%		70-130	1	25
Naphthalene	158.7	200.0	pptv	79%		70-130	4	25
Propylbenzene	195.1	200.0	pptv	98%		70-130	1	25
Vinyl bromide	201.7	200.0	pptv	101%		70-130	1	25
Surrogates								
Bromofluorobenzene	253.3	250.0	pptv	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Blank	Lab ID:	QC972109	Batch:	283685
Matrix:	Air	Method:	EPA TO-15 SIM	Prep Method:	METHOD

QC972109 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,4-Dioxane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Freon 12	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Freon 114	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Chloromethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Vinyl Chloride	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,3-Butadiene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Bromomethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Chloroethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Trichlorofluoromethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,1-Dichloroethene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Freon 113	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Methylene Chloride	ND		pptv	20	02/13/22 07:05	02/13/22 07:05
trans-1,2-Dichloroethene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,1-Dichloroethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
cis-1,2-Dichloroethene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Chloroform	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,1,1-Trichloroethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Carbon Tetrachloride	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Benzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,2-Dichloroethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Trichloroethene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,2-Dichloropropane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Bromodichloromethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
cis-1,3-Dichloropropene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Toluene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
trans-1,3-Dichloropropene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,1,2-Trichloroethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Tetrachloroethene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Dibromochloromethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,2-Dibromoethane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Chlorobenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Ethylbenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
m,p-Xylenes	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
o-Xylene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Styrene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Bromoform	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
4-Ethyltoluene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,3,5-Trimethylbenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,2,4-Trimethylbenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,3-Dichlorobenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,4-Dichlorobenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Benzyl chloride	ND		pptv	10	02/13/22 07:05	02/13/22 07:05

ENTHALPY ANALYTICAL

Batch QC

QC972109 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dichlorobenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
1,2,4-Trichlorobenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Hexachlorobutadiene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
2,2,4-Trimethylpentane	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
2-Chlorotoluene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Isopropylbenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Naphthalene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Propylbenzene	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Vinyl bromide	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Xylene (total)	ND		pptv	10	02/13/22 07:05	02/13/22 07:05
Surrogates				**Limits**		
Bromofluorobenzene	95%		%REC	70-130	02/13/22 07:05	02/13/22 07:05

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC972176	Batch:	283713
Matrix:	Air	Method:	EPA TO-15 SIM	Prep Method:	METHOD

QC972176 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	178.2	200.0	pptv	89%		70-130
Freon 12	202.3	200.0	pptv	101%		70-130
Freon 114	203.1	200.0	pptv	102%		70-130
Chloromethane	185.7	200.0	pptv	93%		70-130
Vinyl Chloride	199.0	200.0	pptv	100%		70-130
1,3-Butadiene	198.2	200.0	pptv	99%		70-130
Bromomethane	203.0	200.0	pptv	102%		70-130
Chloroethane	199.4	200.0	pptv	100%		70-130
Trichlorofluoromethane	203.7	200.0	pptv	102%		70-130
1,1-Dichloroethene	197.9	200.0	pptv	99%		70-130
Freon 113	201.0	200.0	pptv	100%		70-130
Methylene Chloride	192.4	200.0	pptv	96%		70-130
trans-1,2-Dichloroethene	198.2	200.0	pptv	99%		70-130
1,1-Dichloroethane	198.0	200.0	pptv	99%		70-130
cis-1,2-Dichloroethene	196.1	200.0	pptv	98%		70-130
Chloroform	197.9	200.0	pptv	99%		70-130
1,1,1-Trichloroethane	195.0	200.0	pptv	98%		70-130
Carbon Tetrachloride	201.1	200.0	pptv	101%		70-130
Benzene	179.0	200.0	pptv	89%		70-130
1,2-Dichloroethane	196.6	200.0	pptv	98%		70-130
Trichloroethene	179.5	200.0	pptv	90%		70-130
1,2-Dichloropropane	191.9	200.0	pptv	96%		70-130
Bromodichloromethane	200.6	200.0	pptv	100%		70-130
cis-1,3-Dichloropropene	189.6	200.0	pptv	95%		70-130
Toluene	186.2	200.0	pptv	93%		70-130
trans-1,3-Dichloropropene	188.3	200.0	pptv	94%		70-130
1,1,2-Trichloroethane	196.8	200.0	pptv	98%		70-130
Tetrachloroethene	191.8	200.0	pptv	96%		70-130
Dibromochloromethane	195.2	200.0	pptv	98%		70-130
1,2-Dibromoethane	189.2	200.0	pptv	95%		70-130
Chlorobenzene	188.7	200.0	pptv	94%		70-130
Ethylbenzene	184.1	200.0	pptv	92%		70-130
m,p-Xylenes	371.8	400.0	pptv	93%		70-130
o-Xylene	185.4	200.0	pptv	93%		70-130
Styrene	183.7	200.0	pptv	92%		70-130
Bromoform	192.3	200.0	pptv	96%		70-130
4-Ethyltoluene	180.1	200.0	pptv	90%		70-130
1,3,5-Trimethylbenzene	181.6	200.0	pptv	91%		70-130
1,2,4-Trimethylbenzene	177.8	200.0	pptv	89%		70-130
1,3-Dichlorobenzene	185.3	200.0	pptv	93%		70-130
1,4-Dichlorobenzene	184.5	200.0	pptv	92%		70-130
Benzyl chloride	184.2	200.0	pptv	92%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC972176 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,2-Dichlorobenzene	176.7	200.0	pptv	88%		70-130
1,2,4-Trichlorobenzene	175.1	200.0	pptv	88%		70-130
Hexachlorobutadiene	167.9	200.0	pptv	84%		70-130
2,2,4-Trimethylpentane	194.9	200.0	pptv	97%		70-130
2-Chlorotoluene	185.1	200.0	pptv	93%		70-130
Isopropylbenzene	186.1	200.0	pptv	93%		70-130
Naphthalene	141.4	200.0	pptv	71%		70-130
Propylbenzene	182.9	200.0	pptv	91%		70-130
Vinyl bromide	200.7	200.0	pptv	100%		70-130
Surrogates						
Bromofluorobenzene	248.4	250.0	pptv	99%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC972177	Batch:	283713
Matrix:	Air	Method:	EPA TO-15 SIM	Prep Method:	METHOD

QC972177 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	176.6	200.0	pptv	88%		70-130	1	25
Freon 12	193.4	200.0	pptv	97%		70-130	4	25
Freon 114	195.7	200.0	pptv	98%		70-130	4	25
Chloromethane	178.2	200.0	pptv	89%		70-130	4	25
Vinyl Chloride	192.1	200.0	pptv	96%		70-130	4	25
1,3-Butadiene	192.0	200.0	pptv	96%		70-130	3	25
Bromomethane	196.9	200.0	pptv	98%		70-130	3	25
Chloroethane	194.6	200.0	pptv	97%		70-130	2	25
Trichlorofluoromethane	198.7	200.0	pptv	99%		70-130	3	25
1,1-Dichloroethene	193.2	200.0	pptv	97%		70-130	2	25
Freon 113	196.7	200.0	pptv	98%		70-130	2	25
Methylene Chloride	187.5	200.0	pptv	94%		70-130	3	25
trans-1,2-Dichloroethene	193.1	200.0	pptv	97%		70-130	3	25
1,1-Dichloroethane	194.1	200.0	pptv	97%		70-130	2	25
cis-1,2-Dichloroethene	190.5	200.0	pptv	95%		70-130	3	25
Chloroform	194.5	200.0	pptv	97%		70-130	2	25
1,1,1-Trichloroethane	192.6	200.0	pptv	96%		70-130	1	25
Carbon Tetrachloride	198.3	200.0	pptv	99%		70-130	1	25
Benzene	177.1	200.0	pptv	89%		70-130	1	25
1,2-Dichloroethane	194.0	200.0	pptv	97%		70-130	1	25
Trichloroethene	175.9	200.0	pptv	88%		70-130	2	25
1,2-Dichloropropane	179.7	200.0	pptv	90%		70-130	7	25
Bromodichloromethane	196.9	200.0	pptv	98%		70-130	2	25
cis-1,3-Dichloropropene	190.6	200.0	pptv	95%		70-130	1	25
Toluene	183.4	200.0	pptv	92%		70-130	1	25
trans-1,3-Dichloropropene	185.4	200.0	pptv	93%		70-130	2	25
1,1,2-Trichloroethane	193.5	200.0	pptv	97%		70-130	2	25
Tetrachloroethene	188.0	200.0	pptv	94%		70-130	2	25
Dibromochloromethane	192.6	200.0	pptv	96%		70-130	1	25
1,2-Dibromoethane	186.8	200.0	pptv	93%		70-130	1	25
Chlorobenzene	187.5	200.0	pptv	94%		70-130	1	25
Ethylbenzene	182.5	200.0	pptv	91%		70-130	1	25
m,p-Xylenes	370.3	400.0	pptv	93%		70-130	0	25
o-Xylene	183.1	200.0	pptv	92%		70-130	1	25
Styrene	181.9	200.0	pptv	91%		70-130	1	25
Bromoform	191.4	200.0	pptv	96%		70-130	0	25
4-Ethyltoluene	178.8	200.0	pptv	89%		70-130	1	25
1,3,5-Trimethylbenzene	178.6	200.0	pptv	89%		70-130	2	25
1,2,4-Trimethylbenzene	175.2	200.0	pptv	88%		70-130	1	25
1,3-Dichlorobenzene	184.1	200.0	pptv	92%		70-130	1	25
1,4-Dichlorobenzene	182.2	200.0	pptv	91%		70-130	1	25

ENTHALPY ANALYTICAL

Batch QC

QC972177 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Benzyl chloride	183.3	200.0	pptv	92%		70-130	0	25
1,2-Dichlorobenzene	174.5	200.0	pptv	87%		70-130	1	25
1,2,4-Trichlorobenzene	173.7	200.0	pptv	87%		70-130	1	25
Hexachlorobutadiene	165.4	200.0	pptv	83%		70-130	2	25
2,2,4-Trimethylpentane	191.8	200.0	pptv	96%		70-130	2	25
2-Chlorotoluene	182.9	200.0	pptv	91%		70-130	1	25
Isopropylbenzene	184.7	200.0	pptv	92%		70-130	1	25
Naphthalene	145.4	200.0	pptv	73%		70-130	3	25
Propylbenzene	181.3	200.0	pptv	91%		70-130	1	25
Vinyl bromide	194.7	200.0	pptv	97%		70-130	3	25
Surrogates								
Bromofluorobenzene	251.3	250.0	pptv	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Blank	Lab ID:	QC972178	Batch:	283713
Matrix:	Air	Method:	EPA TO-15 SIM	Prep Method:	METHOD

QC972178 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,4-Dioxane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Freon 12	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Freon 114	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Chloromethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Vinyl Chloride	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,3-Butadiene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Bromomethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Chloroethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Trichlorofluoromethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,1-Dichloroethene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Freon 113	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Methylene Chloride	ND		pptv	20	02/14/22 12:53	02/14/22 12:53
trans-1,2-Dichloroethene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,1-Dichloroethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
cis-1,2-Dichloroethene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Chloroform	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,1,1-Trichloroethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Carbon Tetrachloride	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Benzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,2-Dichloroethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Trichloroethene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,2-Dichloropropane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Bromodichloromethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
cis-1,3-Dichloropropene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Toluene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
trans-1,3-Dichloropropene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,1,2-Trichloroethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Tetrachloroethene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Dibromochloromethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,2-Dibromoethane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Chlorobenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Ethylbenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
m,p-Xylenes	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
o-Xylene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Styrene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Bromoform	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
4-Ethyltoluene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,3,5-Trimethylbenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,2,4-Trimethylbenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,3-Dichlorobenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,4-Dichlorobenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Benzyl chloride	ND		pptv	10	02/14/22 12:53	02/14/22 12:53

ENTHALPY ANALYTICAL

Batch QC

QC972178 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dichlorobenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
1,2,4-Trichlorobenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Hexachlorobutadiene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
2,2,4-Trimethylpentane	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
2-Chlorotoluene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Isopropylbenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Naphthalene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Propylbenzene	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Vinyl bromide	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Xylene (total)	ND		pptv	10	02/14/22 12:53	02/14/22 12:53
Surrogates				**Limits**		
Bromofluorobenzene	95%		%REC	70-130	02/14/22 12:53	02/14/22 12:53

ND Not Detected

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

enthalpy.com

Lab Job Number: 457924
Report Level: II
Report Date: 02/14/2022

Analytical Report *prepared for:*

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Project: 31402714.000-1 - Okaigan Dojo

Authorized for release by:

Jim Lin, Service Center Manager
Jim.lin@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

Yutian Lei WSP 2025 Gateway Place Suite 348 San Jose, CA 95110		Lab Job #: Project No: Location: Date Received:	457924 31402714.000-1 Okaigan Dojo 02/07/22

Sample ID	Lab ID	Collected	Matrix
SG-002-25	457924-001	02/03/22 12:20	Air
SG-002-10	457924-002	02/03/22 12:47	Air
SG-002-5	457924-003	02/03/22 13:16	Air
SG-001-25	457924-004	02/03/22 13:52	Air
SG-001-10	457924-005	02/03/22 14:24	Air
SG-001-5	457924-006	02/03/22 15:01	Air
SG-200	457924-007	02/03/22 12:15	Air

Case Narrative

WSP 2025 Gateway Place Suite 348 San Jose, CA 95110 Yutian Lei	Lab Job Number: 457924 Project No: 31402714.000-1 Location: Okaigan Dojo Date Received: 02/07/22

This data package contains sample and QC results for seven air samples, requested for the above referenced project on 02/07/22. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):
High response was observed for 1,2,4-trichlorobenzene in the ICV analyzed 01/07/22 20:01; affected data was qualified with "b". No other analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 457924
Project No: 31402714.000-1
Location: Okaigan Dojo
Date Received: 02/07/22

Sample ID: SG-002-25 **Lab ID: 457924-001** **Collected: 02/03/22 12:20**
Matrix: Air

457924-001 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Propylene	**1.7**		ppbv	0.40
Propylene	**2.9**		ug/m3	0.69
Freon 12	**0.41**		ppbv	0.40
Freon 12	**2.0**		ug/m3	2.0
Acetone	**9.0**		ppbv	2.0
Acetone	**21**		ug/m3	4.8
Isopropanol (IPA)	**53**		ppbv	2.0
Isopropanol (IPA)	**130**		ug/m3	4.9
n-Hexane	**1.3**		ppbv	0.40
n-Hexane	**4.7**		ug/m3	1.4
Chloroform	**1.0**		ppbv	0.40
Chloroform	**5.0**		ug/m3	2.0
Cyclohexane	**1.1**		ppbv	0.40
Cyclohexane	**3.9**		ug/m3	1.4
Benzene	**0.64**		ppbv	0.40
Benzene	**2.0**		ug/m3	1.3
n-Heptane	**2.2**		ppbv	0.40
n-Heptane	**9.2**		ug/m3	1.6
Bromodichloromethane	**0.74**		ppbv	0.40
Bromodichloromethane	**5.0**		ug/m3	2.7
Toluene	**2.4**		ppbv	0.40
Toluene	**9.2**		ug/m3	1.5
Tetrachloroethene	**54**		ppbv	0.40
Tetrachloroethene	**360**		ug/m3	2.7
Ethylbenzene	**0.45**		ppbv	0.40
Ethylbenzene	**2.0**		ug/m3	1.7
m,p-Xylenes	**2.4**		ppbv	0.80
m,p-Xylenes	**10**		ug/m3	3.5
o-Xylene	**0.94**		ppbv	0.40
o-Xylene	**4.1**		ug/m3	1.7
1,3,5-Trimethylbenzene	**0.42**		ppbv	0.40
1,3,5-Trimethylbenzene	**2.1**		ug/m3	2.0
1,2,4-Trimethylbenzene	**0.61**		ppbv	0.40
1,2,4-Trimethylbenzene	**3.0**		ug/m3	2.0

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-002-10	Lab ID: 457924-002	Collected: 02/03/22 12:47
	Matrix: Air	

457924-002 Analyte	Result	Qual	Units	RL
Method: ASTM D1946 Prep Method: METHOD				
Helium	**0.24**		Mol %	0.20
Helium	**2,400**		ppmv	2,000
Method: EPA TO-15 Prep Method: METHOD				
Propylene	**640**		ppbv	8.0
Propylene	**1,100**		ug/m3	14
Acetone	**43**		ppbv	4.0
Acetone	**100**		ug/m3	9.5
Carbon Disulfide	**6.1**		ppbv	0.80
Carbon Disulfide	**19**		ug/m3	2.5
Isopropanol (IPA)	**35**		ppbv	4.0
Isopropanol (IPA)	**85**		ug/m3	9.8
n-Hexane	**30**		ppbv	0.80
n-Hexane	**110**		ug/m3	2.8
2-Butanone	**6.9**		ppbv	4.0
2-Butanone	**20**		ug/m3	12
Ethyl Acetate	**4.8**		ppbv	1.6
Ethyl Acetate	**17**		ug/m3	5.8
Chloroform	**61**		ppbv	0.80
Chloroform	**300**		ug/m3	3.9
Cyclohexane	**19**		ppbv	0.80
Cyclohexane	**67**		ug/m3	2.8
Benzene	**5.4**		ppbv	0.80
Benzene	**17**		ug/m3	2.6
n-Heptane	**21**		ppbv	0.80
n-Heptane	**85**		ug/m3	3.3
Trichloroethene	**1.2**		ppbv	0.80
Trichloroethene	**6.5**		ug/m3	4.3
Bromodichloromethane	**8.5**		ppbv	0.80
Bromodichloromethane	**57**		ug/m3	5.4
Toluene	**5.7**		ppbv	0.80
Toluene	**22**		ug/m3	3.0
Tetrachloroethene	**12**		ppbv	0.80
Tetrachloroethene	**83**		ug/m3	5.4
m,p-Xylenes	**2.3**		ppbv	1.6
m,p-Xylenes	**10**		ug/m3	6.9
o-Xylene	**1.3**		ppbv	0.80
o-Xylene	**5.8**		ug/m3	3.5

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-002-5	Lab ID: 457924-003	Collected: 02/03/22 13:16
	Matrix: Air	

457924-003 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.47**		ppbv	0.36
Freon 12	**2.3**		ug/m3	1.8
Acetone	**8.6**		ppbv	1.8
Acetone	**20**		ug/m3	4.3
Isopropanol (IPA)	**33**		ppbv	1.8
Isopropanol (IPA)	**82**		ug/m3	4.4
Chloroform	**2.0**		ppbv	0.36
Chloroform	**9.6**		ug/m3	1.8
n-Heptane	**0.50**		ppbv	0.36
n-Heptane	**2.1**		ug/m3	1.5
Bromodichloromethane	**0.47**		ppbv	0.36
Bromodichloromethane	**3.2**		ug/m3	2.4
Toluene	**0.49**		ppbv	0.36
Toluene	**1.8**		ug/m3	1.4
Tetrachloroethene	**11**		ppbv	0.36
Tetrachloroethene	**76**		ug/m3	2.4

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-001-25	Lab ID: 457924-004	Collected: 02/03/22 13:52
	Matrix: Air	

457924-004 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Propylene	**11**		ppbv	0.36
Propylene	**19**		ug/m3	0.62
Freon 12	**0.37**		ppbv	0.36
Freon 12	**1.8**		ug/m3	1.8
Acetone	**9.6**		ppbv	1.8
Acetone	**23**		ug/m3	4.3
Carbon Disulfide	**1.1**		ppbv	0.36
Carbon Disulfide	**3.6**		ug/m3	1.1
Isopropanol (IPA)	**75**		ppbv	3.6
Isopropanol (IPA)	**190**		ug/m3	8.8
n-Hexane	**11**		ppbv	0.36
n-Hexane	**40**		ug/m3	1.3
Chloroform	**0.82**		ppbv	0.36
Chloroform	**4.0**		ug/m3	1.8
Cyclohexane	**4.5**		ppbv	0.36
Cyclohexane	**15**		ug/m3	1.2
Benzene	**2.7**		ppbv	0.36
Benzene	**8.8**		ug/m3	1.2
n-Heptane	**13**		ppbv	0.36
n-Heptane	**52**		ug/m3	1.5
Toluene	**4.0**		ppbv	0.36
Toluene	**15**		ug/m3	1.4
Tetrachloroethene	**23**		ppbv	0.36
Tetrachloroethene	**150**		ug/m3	2.4
Ethylbenzene	**0.40**		ppbv	0.36
Ethylbenzene	**1.7**		ug/m3	1.6
m,p-Xylenes	**2.0**		ppbv	0.72
m,p-Xylenes	**8.6**		ug/m3	3.1
o-Xylene	**0.71**		ppbv	0.36
o-Xylene	**3.1**		ug/m3	1.6
1,2,4-Trimethylbenzene	**0.42**		ppbv	0.36
1,2,4-Trimethylbenzene	**2.0**		ug/m3	1.8

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-001-10	Lab ID: 457924-005	Collected: 02/03/22 14:24
	Matrix: Air	

457924-005 Analyte	Result	Qual	Units	RL
Method: ASTM D1946 Prep Method: METHOD				
Helium	**9.5**		Mol %	0.18
Helium	**95,000**		ppmv	1,800
Method: EPA TO-15 Prep Method: METHOD				
Propylene	**3,200**		ppbv	36
Propylene	**5,600**		ug/m3	62
Acetone	**71**		ppbv	14
Acetone	**170**		ug/m3	34
Carbon Disulfide	**13**		ppbv	2.9
Carbon Disulfide	**42**		ug/m3	9.0
Isopropanol (IPA)	**24**		ppbv	14
Isopropanol (IPA)	**58**		ug/m3	35
n-Hexane	**150**		ppbv	2.9
n-Hexane	**530**		ug/m3	10
Chloroform	**58**		ppbv	2.9
Chloroform	**280**		ug/m3	14
Cyclohexane	**67**		ppbv	2.9
Cyclohexane	**230**		ug/m3	9.9
Benzene	**9.5**		ppbv	2.9
Benzene	**30**		ug/m3	9.2
n-Heptane	**90**		ppbv	2.9
n-Heptane	**370**		ug/m3	12
Bromodichloromethane	**3.7**		ppbv	2.9
Bromodichloromethane	**25**		ug/m3	19
Toluene	**8.4**		ppbv	2.9
Toluene	**32**		ug/m3	11
Tetrachloroethene	**21**		ppbv	2.9
Tetrachloroethene	**150**		ug/m3	20
o-Xylene	**3.6**		ppbv	2.9
o-Xylene	**16**		ug/m3	13

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-001-5	Lab ID: 457924-006	Collected: 02/03/22 15:01
	Matrix: Air	

457924-006 Analyte	Result	Qual	Units	RL
Method: ASTM D1946 Prep Method: METHOD				
Helium	**0.67**		Mol %	0.18
Helium	**6,700**		ppmv	1,800
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.49**		ppbv	0.36
Freon 12	**2.4**		ug/m3	1.8
Acetone	**3.4**		ppbv	1.8
Acetone	**8.1**		ug/m3	4.3
Isopropanol (IPA)	**17**		ppbv	1.8
Isopropanol (IPA)	**43**		ug/m3	4.4
Methylene Chloride	**0.45**		ppbv	0.36
Methylene Chloride	**1.5**		ug/m3	1.3
n-Hexane	**1.9**		ppbv	0.36
n-Hexane	**6.8**		ug/m3	1.3
Ethyl Acetate	**3.5**		ppbv	0.72
Ethyl Acetate	**12**		ug/m3	2.6
Chloroform	**6.6**		ppbv	0.36
Chloroform	**32**		ug/m3	1.8
Cyclohexane	**1.2**		ppbv	0.36
Cyclohexane	**4.0**		ug/m3	1.2
n-Heptane	**0.68**		ppbv	0.36
n-Heptane	**2.8**		ug/m3	1.5
Toluene	**0.64**		ppbv	0.36
Toluene	**2.4**		ug/m3	1.4
Tetrachloroethene	**29**		ppbv	0.36
Tetrachloroethene	**200**		ug/m3	2.4

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SG-200	Lab ID: 457924-007	Collected: 02/03/22 12:15
	Matrix: Air	

457924-007 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.49**		ppbv	0.36
Freon 12	**2.4**		ug/m3	1.8
Acetone	**4.3**		ppbv	1.8
Acetone	**10**		ug/m3	4.3
Isopropanol (IPA)	**21**		ppbv	1.8
Isopropanol (IPA)	**52**		ug/m3	4.4
n-Hexane	**2.8**		ppbv	0.36
n-Hexane	**9.8**		ug/m3	1.3
Chloroform	**6.8**		ppbv	0.36
Chloroform	**33**		ug/m3	1.8
Cyclohexane	**1.2**		ppbv	0.36
Cyclohexane	**4.0**		ug/m3	1.2
n-Heptane	**0.94**		ppbv	0.36
n-Heptane	**3.8**		ug/m3	1.5
Toluene	**0.61**		ppbv	0.36
Toluene	**2.3**		ug/m3	1.4
Tetrachloroethene	**30**		ppbv	0.36
Tetrachloroethene	**210**		ug/m3	2.4

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley
2323 5th Street, Berkeley, CA 94710
Phone 510-486-0900

Air Chain of Custody Record
Lab No: 457924
Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

Special Instructions:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	WSP USA	Name:	Okaigan Dojo
Report To:	Yutian Lei	Number:	
Email:	sanjosemain@wsp.com	P.O. #:	31402714.000-1
Address:	2025 Gateway Pl suite 348	Address:	19720 Stevens Creek
Phone:	408.878.0668	Global ID:	
Fax:		Sampled By:	Lusi.T / Elena.R

	Sample ID	Type (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: VOCs (TO-15)
1	SG-002-25	SV	231	1L	A10232	2/3/22	1213	29	2/3/22	1220	4	X
2	SG-002-10	SV	083	1L	A10324	2/3/22	1240	29	2/3/22	1247	4	X
3	SG-002-5	SV	221	1L	A10238	2/3/22	1309	29	2/3/22	1316	4	X
4	SG-001-25	SV	234	1L	A10061	2/3/22	1345	29	2/3/22	1352	4	X
5	SG-001-10	SV	673	1L	A10272	2/3/22	1415	29	2/3/22	1424	4	X
6	SG-001-5	SV	272	1L	A10005	2/3/22	1446	29	2/3/22	1501	4	X
7	SG-200	SV	346	1L		2/3/22	1200	29	2/3/22	1215	4	X
8												
9												
10												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	Lusi Tai	Lusi Tai	WSP USA / Consultant.	Audrey Hudson 02/07/22 12:48
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	02/07/22 12:48
2 Relinquished By:	Audrey Hudson	" "	" "	02/07/22 15:17
2 Received By:	[signature]	Maccewill Yip	EA	2/7/22 1522
3 Relinquished By:	[signature]	Maccewill Yip	EA	2/7/22 1651
3 Received By:	[signature]	NICKI	EA	2/8/22 8:30

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: WSP Project: Okaigan Dojo

Date Received: 2/8/22 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: [signature] Date: 2/8/22

PACKAGE
EXPRESS

A8647255B

LBLBC-GPX (REV 11/19)

ENTHALPY ANALYTICAL

Analysis Results for 457924

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 457924
Project No: 31402714.000-1
Location: Okaigan Dojo
Date Received: 02/07/22

Sample ID: SG-002-25 **Lab ID: 457924-001** **Collected: 02/03/22 12:20**
Matrix: Air

457924-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283332	02/08/22	02/08/22	MPD
Helium	ND		ppmv	2,000	2	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,4-Dioxane	ND		ug/m3	1.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Propylene	**1.7**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Propylene	**2.9**		ug/m3	0.69	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 12	**0.41**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 12	**2.0**		ug/m3	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 114	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 114	ND		ug/m3	2.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloromethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloromethane	ND		ug/m3	0.83	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Vinyl Chloride	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Vinyl Chloride	ND		ug/m3	1.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3-Butadiene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3-Butadiene	ND		ug/m3	0.88	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromomethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromomethane	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloroethane	ND		ug/m3	1.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Trichlorofluoromethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.2	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1-Dichloroethene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 113	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Freon 113	ND		ug/m3	3.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Acetone	**9.0**		ppbv	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Acetone	**21**		ug/m3	4.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Carbon Disulfide	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Carbon Disulfide	ND		ug/m3	1.2	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Isopropanol (IPA)	**53**		ppbv	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Isopropanol (IPA)	**130**		ug/m3	4.9	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Methylene Chloride	ND		ug/m3	1.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
MTBE	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
MTBE	ND		ug/m3	1.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
n-Hexane	**1.3**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
n-Hexane	**4.7**		ug/m3	1.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1-Dichloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Vinyl Acetate	ND		ppbv	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Vinyl Acetate	ND		ug/m3	7.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
2-Butanone	ND		ppbv	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
2-Butanone	ND		ug/m3	5.9	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Ethyl Acetate	ND		ppbv	0.80	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Ethyl Acetate	ND		ug/m3	2.9	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloroform	**1.0**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chloroform	**5.0**		ug/m3	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Cyclohexane	**1.1**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Cyclohexane	**3.9**		ug/m3	1.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Carbon Tetrachloride	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.5	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Benzene	**0.64**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Benzene	**2.0**		ug/m3	1.3	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
n-Heptane	**2.2**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
n-Heptane	**9.2**		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Trichloroethene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Trichloroethene	ND		ug/m3	2.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichloropropane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromodichloromethane	**0.74**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromodichloromethane	**5.0**		ug/m3	2.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Toluene	**2.4**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Toluene	**9.2**		ug/m3	1.5	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Tetrachloroethene	**54**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Tetrachloroethene	**360**		ug/m3	2.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
2-Hexanone	ND		ppbv	1.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
2-Hexanone	ND		ug/m3	4.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Dibromochloromethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Dibromochloromethane	ND		ug/m3	3.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dibromoethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chlorobenzene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Chlorobenzene	ND		ug/m3	1.8	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Ethylbenzene	**0.45**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Ethylbenzene	**2.0**		ug/m3	1.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
m,p-Xylenes	**2.4**		ppbv	0.80	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
m,p-Xylenes	**10**		ug/m3	3.5	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
o-Xylene	**0.94**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
o-Xylene	**4.1**		ug/m3	1.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Styrene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Styrene	ND		ug/m3	1.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromoform	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Bromoform	ND		ug/m3	4.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
4-Ethyltoluene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
4-Ethyltoluene	ND		ug/m3	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3,5-Trimethylbenzene	**0.42**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3,5-Trimethylbenzene	**2.1**		ug/m3	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2,4-Trimethylbenzene	**0.61**		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2,4-Trimethylbenzene	**3.0**		ug/m3	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Benzyl chloride	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Benzyl chloride	ND		ug/m3	2.1	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Hexachlorobutadiene	ND		ppbv	0.40	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.3	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Naphthalene	ND		ppbv	2.0	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Naphthalene	ND		ug/m3	10	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	112%		%REC	60-140	2	283642	02/11/22 19:50	02/11/22 19:50	ZNZ

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

Analysis Results for 457924

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-002-10	Lab ID: 457924-002	Collected: 02/03/22 12:47
	Matrix: Air	

457924-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	**0.24**		Mol %	0.20	2	283332	02/08/22	02/08/22	MPD
Helium	**2,400**		ppmv	2,000	2	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,4-Dioxane	ND		ug/m3	2.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Propylene	**640**		ppbv	8.0	40	283684	02/13/22 06:05	02/13/22 06:05	ZNZ
Propylene	**1,100**		ug/m3	14	40	283684	02/13/22 06:05	02/13/22 06:05	ZNZ
Freon 12	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Freon 12	ND		ug/m3	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Freon 114	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Freon 114	ND		ug/m3	5.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloromethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloromethane	ND		ug/m3	1.7	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Vinyl Chloride	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Vinyl Chloride	ND		ug/m3	2.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3-Butadiene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3-Butadiene	ND		ug/m3	1.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromomethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromomethane	ND		ug/m3	3.1	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloroethane	ND		ug/m3	2.1	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Trichlorofluoromethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Trichlorofluoromethane	ND		ug/m3	4.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1-Dichloroethene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1-Dichloroethene	ND		ug/m3	3.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Freon 113	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Freon 113	ND		ug/m3	6.1	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Acetone	**43**		ppbv	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Acetone	**100**		ug/m3	9.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Carbon Disulfide	**6.1**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Carbon Disulfide	**19**		ug/m3	2.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Isopropanol (IPA)	**35**		ppbv	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Isopropanol (IPA)	**85**		ug/m3	9.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Methylene Chloride	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Methylene Chloride	ND		ug/m3	2.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	3.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
MTBE	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
MTBE	ND		ug/m3	2.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**30**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
n-Hexane	**110**		ug/m3	2.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1-Dichloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1-Dichloroethane	ND		ug/m3	3.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Vinyl Acetate	ND		ppbv	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Vinyl Acetate	ND		ug/m3	14	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	3.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
2-Butanone	**6.9**		ppbv	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
2-Butanone	**20**		ug/m3	12	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Ethyl Acetate	**4.8**		ppbv	1.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Ethyl Acetate	**17**		ug/m3	5.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloroform	**61**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chloroform	**300**		ug/m3	3.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	4.4	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Cyclohexane	**19**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Cyclohexane	**67**		ug/m3	2.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Carbon Tetrachloride	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Carbon Tetrachloride	ND		ug/m3	5.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Benzene	**5.4**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Benzene	**17**		ug/m3	2.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichloroethane	ND		ug/m3	3.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
n-Heptane	**21**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
n-Heptane	**85**		ug/m3	3.3	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Trichloroethene	**1.2**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Trichloroethene	**6.5**		ug/m3	4.3	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichloropropane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichloropropane	ND		ug/m3	3.7	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromodichloromethane	**8.5**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromodichloromethane	**57**		ug/m3	5.4	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	3.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	3.3	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Toluene	**5.7**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Toluene	**22**		ug/m3	3.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	3.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	4.4	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Tetrachloroethene	**12**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Tetrachloroethene	**83**		ug/m3	5.4	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
2-Hexanone	ND		ppbv	2.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
2-Hexanone	ND		ug/m3	8.2	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Dibromochloromethane	ND		ug/m3	6.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dibromoethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dibromoethane	ND		ug/m3	6.1	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chlorobenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Chlorobenzene	ND		ug/m3	3.7	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Ethylbenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Ethylbenzene	ND		ug/m3	3.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
m,p-Xylenes	**2.3**		ppbv	1.6	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
m,p-Xylenes	**10**		ug/m3	6.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
o-Xylene	**1.3**		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
o-Xylene	**5.8**		ug/m3	3.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Styrene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Styrene	ND		ug/m3	3.4	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromoform	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Bromoform	ND		ug/m3	8.3	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	5.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
4-Ethyltoluene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
4-Ethyltoluene	ND		ug/m3	3.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	3.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	3.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	4.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	4.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Benzyl chloride	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Benzyl chloride	ND		ug/m3	4.1	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	4.8	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	5.9	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Hexachlorobutadiene	ND		ppbv	0.80	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Hexachlorobutadiene	ND		ug/m3	8.5	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Naphthalene	ND		ppbv	4.0	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Naphthalene	ND		ug/m3	21	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	93%		%REC	60-140	4	283642	02/11/22 20:36	02/11/22 20:36	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-002-5	Lab ID: 457924-003	Collected: 02/03/22 13:16
	Matrix: Air	

457924-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.18	1.8	283332	02/08/22	02/08/22	MPD
Helium	ND		ppmv	1,800	1.8	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,4-Dioxane	ND		ug/m3	1.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Propylene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Propylene	ND		ug/m3	0.62	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 12	**0.47**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 12	**2.3**		ug/m3	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 114	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 114	ND		ug/m3	2.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloromethane	ND		ug/m3	0.74	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Vinyl Chloride	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Vinyl Chloride	ND		ug/m3	0.92	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3-Butadiene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3-Butadiene	ND		ug/m3	0.80	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromomethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromomethane	ND		ug/m3	1.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloroethane	ND		ug/m3	0.95	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Trichlorofluoromethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.0	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 113	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Freon 113	ND		ug/m3	2.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Acetone	**8.6**		ppbv	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Acetone	**20**		ug/m3	4.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Carbon Disulfide	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Carbon Disulfide	ND		ug/m3	1.1	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Isopropanol (IPA)	**33**		ppbv	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Isopropanol (IPA)	**82**		ug/m3	4.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Methylene Chloride	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Methylene Chloride	ND		ug/m3	1.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
MTBE	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
MTBE	ND		ug/m3	1.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
n-Hexane	ND		ug/m3	1.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Vinyl Acetate	ND		ppbv	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Vinyl Acetate	ND		ug/m3	6.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
2-Butanone	ND		ppbv	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
2-Butanone	ND		ug/m3	5.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Ethyl Acetate	ND		ppbv	0.72	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Ethyl Acetate	ND		ug/m3	2.6	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloroform	**2.0**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chloroform	**9.6**		ug/m3	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Cyclohexane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Cyclohexane	ND		ug/m3	1.2	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Carbon Tetrachloride	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.3	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Benzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Benzene	ND		ug/m3	1.2	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
n-Heptane	**0.50**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
n-Heptane	**2.1**		ug/m3	1.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Trichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Trichloroethene	ND		ug/m3	1.9	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichloropropane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.7	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromodichloromethane	**0.47**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromodichloromethane	**3.2**		ug/m3	2.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Toluene	**0.49**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Toluene	**1.8**		ug/m3	1.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Tetrachloroethene	**11**		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Tetrachloroethene	**76**		ug/m3	2.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
2-Hexanone	ND		ppbv	0.90	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
2-Hexanone	ND		ug/m3	3.7	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Dibromochloromethane	ND		ug/m3	3.1	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dibromoethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Chlorobenzene	ND		ug/m3	1.7	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Ethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Ethylbenzene	ND		ug/m3	1.6	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
m,p-Xylenes	ND		ppbv	0.72	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
m,p-Xylenes	ND		ug/m3	3.1	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
o-Xylene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
o-Xylene	ND		ug/m3	1.6	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Styrene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Styrene	ND		ug/m3	1.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromoform	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Bromoform	ND		ug/m3	3.7	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
4-Ethyltoluene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
4-Ethyltoluene	ND		ug/m3	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Benzyl chloride	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.7	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Hexachlorobutadiene	ND		ppbv	0.36	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Naphthalene	ND		ppbv	1.8	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Naphthalene	ND		ug/m3	9.4	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	112%		%REC	60-140	1.8	283642	02/11/22 21:27	02/11/22 21:27	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-001-25	Lab ID: 457924-004	Collected: 02/03/22 13:52
	Matrix: Air	

457924-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.18	1.8	283332	02/08/22	02/08/22	MPD
Helium	ND		ppmv	1,800	1.8	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,4-Dioxane	ND		ug/m3	1.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Propylene	**11**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Propylene	**19**		ug/m3	0.62	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 12	**0.37**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 12	**1.8**		ug/m3	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 114	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 114	ND		ug/m3	2.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloromethane	ND		ug/m3	0.74	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Vinyl Chloride	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Vinyl Chloride	ND		ug/m3	0.92	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3-Butadiene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3-Butadiene	ND		ug/m3	0.80	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromomethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromomethane	ND		ug/m3	1.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloroethane	ND		ug/m3	0.95	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Trichlorofluoromethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.0	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 113	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Freon 113	ND		ug/m3	2.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Acetone	**9.6**		ppbv	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Acetone	**23**		ug/m3	4.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Carbon Disulfide	**1.1**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Carbon Disulfide	**3.6**		ug/m3	1.1	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Isopropanol (IPA)	**75**		ppbv	3.6	3.6	283642	02/12/22 08:00	02/12/22 08:00	ZNZ
Isopropanol (IPA)	**190**		ug/m3	8.8	3.6	283642	02/12/22 08:00	02/12/22 08:00	ZNZ
Methylene Chloride	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Methylene Chloride	ND		ug/m3	1.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
MTBE	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
MTBE	ND		ug/m3	1.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**11**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
n-Hexane	**40**		ug/m3	1.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Vinyl Acetate	ND		ppbv	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Vinyl Acetate	ND		ug/m3	6.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
2-Butanone	ND		ppbv	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
2-Butanone	ND		ug/m3	5.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Ethyl Acetate	ND		ppbv	0.72	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Ethyl Acetate	ND		ug/m3	2.6	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloroform	**0.82**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chloroform	**4.0**		ug/m3	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Cyclohexane	**4.5**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Cyclohexane	**15**		ug/m3	1.2	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Carbon Tetrachloride	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.3	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Benzene	**2.7**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Benzene	**8.8**		ug/m3	1.2	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
n-Heptane	**13**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
n-Heptane	**52**		ug/m3	1.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Trichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Trichloroethene	ND		ug/m3	1.9	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichloropropane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.7	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromodichloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromodichloromethane	ND		ug/m3	2.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Toluene	**4.0**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Toluene	**15**		ug/m3	1.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Tetrachloroethene	**23**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Tetrachloroethene	**150**		ug/m3	2.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
2-Hexanone	ND		ppbv	0.90	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
2-Hexanone	ND		ug/m3	3.7	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Dibromochloromethane	ND		ug/m3	3.1	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dibromoethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Chlorobenzene	ND		ug/m3	1.7	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Ethylbenzene	**0.40**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Ethylbenzene	**1.7**		ug/m3	1.6	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
m,p-Xylenes	**2.0**		ppbv	0.72	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
m,p-Xylenes	**8.6**		ug/m3	3.1	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
o-Xylene	**0.71**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
o-Xylene	**3.1**		ug/m3	1.6	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Styrene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Styrene	ND		ug/m3	1.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromoform	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Bromoform	ND		ug/m3	3.7	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
4-Ethyltoluene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
4-Ethyltoluene	ND		ug/m3	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2,4-Trimethylbenzene	**0.42**		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2,4-Trimethylbenzene	**2.0**		ug/m3	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Benzyl chloride	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.7	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Hexachlorobutadiene	ND		ppbv	0.36	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Naphthalene	ND		ppbv	1.8	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Naphthalene	ND		ug/m3	9.4	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	1.8	283642	02/11/22 22:17	02/11/22 22:17	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-001-10	Lab ID: 457924-005	Collected: 02/03/22 14:24
	Matrix: Air	

457924-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	**9.5**		Mol %	0.18	1.8	283332	02/08/22	02/08/22	MPD
Helium	**95,000**		ppmv	1,800	1.8	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,4-Dioxane	ND		ug/m3	10	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Propylene	**3,200**		ppbv	36	180	283684	02/13/22 06:56	02/13/22 06:56	ZNZ
Propylene	**5,600**		ug/m3	62	180	283684	02/13/22 06:56	02/13/22 06:56	ZNZ
Freon 12	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Freon 12	ND		ug/m3	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Freon 114	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Freon 114	ND		ug/m3	20	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloromethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloromethane	ND		ug/m3	5.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Vinyl Chloride	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Vinyl Chloride	ND		ug/m3	7.4	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3-Butadiene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3-Butadiene	ND		ug/m3	6.4	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromomethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromomethane	ND		ug/m3	11	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloroethane	ND		ug/m3	7.6	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Trichlorofluoromethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Trichlorofluoromethane	ND		ug/m3	16	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1-Dichloroethene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1-Dichloroethene	ND		ug/m3	11	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Freon 113	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Freon 113	ND		ug/m3	22	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Acetone	**71**		ppbv	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Acetone	**170**		ug/m3	34	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Carbon Disulfide	**13**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Carbon Disulfide	**42**		ug/m3	9.0	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Isopropanol (IPA)	**24**		ppbv	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Isopropanol (IPA)	**58**		ug/m3	35	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Methylene Chloride	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Methylene Chloride	ND		ug/m3	10	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	11	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
MTBE	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
MTBE	ND		ug/m3	10	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**150**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
n-Hexane	**530**		ug/m3	10	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1-Dichloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1-Dichloroethane	ND		ug/m3	12	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Vinyl Acetate	ND		ppbv	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Vinyl Acetate	ND		ug/m3	51	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	11	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
2-Butanone	ND		ppbv	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
2-Butanone	ND		ug/m3	42	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Ethyl Acetate	ND		ppbv	5.8	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Ethyl Acetate	ND		ug/m3	21	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloroform	**58**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chloroform	**280**		ug/m3	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,1-Trichloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	16	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Cyclohexane	**67**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Cyclohexane	**230**		ug/m3	9.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Carbon Tetrachloride	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Carbon Tetrachloride	ND		ug/m3	18	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Benzene	**9.5**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Benzene	**30**		ug/m3	9.2	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichloroethane	ND		ug/m3	12	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
n-Heptane	**90**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
n-Heptane	**370**		ug/m3	12	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Trichloroethene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Trichloroethene	ND		ug/m3	15	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichloropropane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichloropropane	ND		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromodichloromethane	**3.7**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromodichloromethane	**25**		ug/m3	19	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	12	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Toluene	**8.4**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Toluene	**32**		ug/m3	11	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,2-Trichloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	16	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Tetrachloroethene	**21**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Tetrachloroethene	**150**		ug/m3	20	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
2-Hexanone	ND		ppbv	7.2	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
2-Hexanone	ND		ug/m3	29	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Dibromochloromethane	ND		ug/m3	25	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dibromoethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dibromoethane	ND		ug/m3	22	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chlorobenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Chlorobenzene	ND		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Ethylbenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Ethylbenzene	ND		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
m,p-Xylenes	ND		ppbv	5.8	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
m,p-Xylenes	ND		ug/m3	25	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
o-Xylene	**3.6**		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
o-Xylene	**16**		ug/m3	13	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Styrene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Styrene	ND		ug/m3	12	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromoform	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Bromoform	ND		ug/m3	30	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	20	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
4-Ethyltoluene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
4-Ethyltoluene	ND		ug/m3	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3-Dichlorobenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	17	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,4-Dichlorobenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	17	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Benzyl chloride	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Benzyl chloride	ND		ug/m3	15	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichlorobenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	17	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	21	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Hexachlorobutadiene	ND		ppbv	2.9	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Hexachlorobutadiene	ND		ug/m3	31	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Naphthalene	ND		ppbv	14	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Naphthalene	ND		ug/m3	75	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	91%		%REC	60-140	14	283642	02/11/22 23:01	02/11/22 23:01	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-001-5	Lab ID: 457924-006	Collected: 02/03/22 15:01
	Matrix: Air	

457924-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	**0.67**		Mol %	0.18	1.8	283332	02/08/22	02/08/22	MPD
Helium	**6,700**		ppmv	1,800	1.8	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,4-Dioxane	ND		ug/m3	1.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Propylene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Propylene	ND		ug/m3	0.62	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 12	**0.49**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 12	**2.4**		ug/m3	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 114	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 114	ND		ug/m3	2.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloromethane	ND		ug/m3	0.74	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Vinyl Chloride	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Vinyl Chloride	ND		ug/m3	0.92	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3-Butadiene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3-Butadiene	ND		ug/m3	0.80	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromomethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromomethane	ND		ug/m3	1.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloroethane	ND		ug/m3	0.95	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Trichlorofluoromethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.0	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 113	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Freon 113	ND		ug/m3	2.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Acetone	**3.4**		ppbv	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Acetone	**8.1**		ug/m3	4.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Carbon Disulfide	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Carbon Disulfide	ND		ug/m3	1.1	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Isopropanol (IPA)	**17**		ppbv	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Isopropanol (IPA)	**43**		ug/m3	4.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Methylene Chloride	**0.45**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Methylene Chloride	**1.5**		ug/m3	1.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
MTBE	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
MTBE	ND		ug/m3	1.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**1.9**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
n-Hexane	**6.8**		ug/m3	1.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Vinyl Acetate	ND		ppbv	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Vinyl Acetate	ND		ug/m3	6.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
2-Butanone	ND		ppbv	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
2-Butanone	ND		ug/m3	5.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Ethyl Acetate	**3.5**		ppbv	0.72	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Ethyl Acetate	**12**		ug/m3	2.6	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloroform	**6.6**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chloroform	**32**		ug/m3	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Cyclohexane	**1.2**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Cyclohexane	**4.0**		ug/m3	1.2	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Carbon Tetrachloride	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.3	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Benzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Benzene	ND		ug/m3	1.2	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
n-Heptane	**0.68**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
n-Heptane	**2.8**		ug/m3	1.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Trichloroethene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Trichloroethene	ND		ug/m3	1.9	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichloropropane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.7	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromodichloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromodichloromethane	ND		ug/m3	2.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Toluene	**0.64**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Toluene	**2.4**		ug/m3	1.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Tetrachloroethene	**29**		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Tetrachloroethene	**200**		ug/m3	2.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
2-Hexanone	ND		ppbv	0.90	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
2-Hexanone	ND		ug/m3	3.7	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Dibromochloromethane	ND		ug/m3	3.1	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dibromoethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Chlorobenzene	ND		ug/m3	1.7	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Ethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Ethylbenzene	ND		ug/m3	1.6	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
m,p-Xylenes	ND		ppbv	0.72	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
m,p-Xylenes	ND		ug/m3	3.1	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
o-Xylene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
o-Xylene	ND		ug/m3	1.6	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Styrene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Styrene	ND		ug/m3	1.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromoform	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Bromoform	ND		ug/m3	3.7	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
4-Ethyltoluene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
4-Ethyltoluene	ND		ug/m3	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Benzyl chloride	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.7	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Hexachlorobutadiene	ND		ppbv	0.36	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Naphthalene	ND		ppbv	1.8	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Naphthalene	ND		ug/m3	9.4	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	1.8	283642	02/11/22 23:52	02/11/22 23:52	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

Sample ID: SG-200	Lab ID: 457924-007	Collected: 02/03/22 12:15
	Matrix: Air	

457924-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.18	1.8	283332	02/08/22	02/08/22	MPD
Helium	ND		ppmv	1,800	1.8	283332	02/08/22	02/08/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,4-Dioxane	ND		ug/m3	1.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Propylene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Propylene	ND		ug/m3	0.62	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 12	**0.49**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 12	**2.4**		ug/m3	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 114	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 114	ND		ug/m3	2.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloromethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloromethane	ND		ug/m3	0.74	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Vinyl Chloride	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Vinyl Chloride	ND		ug/m3	0.92	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3-Butadiene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3-Butadiene	ND		ug/m3	0.80	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromomethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromomethane	ND		ug/m3	1.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloroethane	ND		ug/m3	0.95	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Trichlorofluoromethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.0	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 113	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Freon 113	ND		ug/m3	2.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Acetone	**4.3**		ppbv	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Acetone	**10**		ug/m3	4.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Carbon Disulfide	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Carbon Disulfide	ND		ug/m3	1.1	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Isopropanol (IPA)	**21**		ppbv	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Isopropanol (IPA)	**52**		ug/m3	4.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Methylene Chloride	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Methylene Chloride	ND		ug/m3	1.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
MTBE	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
MTBE	ND		ug/m3	1.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	**2.8**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
n-Hexane	**9.8**		ug/m3	1.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Vinyl Acetate	ND		ppbv	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Vinyl Acetate	ND		ug/m3	6.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
2-Butanone	ND		ppbv	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
2-Butanone	ND		ug/m3	5.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Ethyl Acetate	ND		ppbv	0.72	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Ethyl Acetate	ND		ug/m3	2.6	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloroform	**6.8**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chloroform	**33**		ug/m3	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Cyclohexane	**1.2**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Cyclohexane	**4.0**		ug/m3	1.2	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Carbon Tetrachloride	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.3	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Benzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Benzene	ND		ug/m3	1.2	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
n-Heptane	**0.94**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
n-Heptane	**3.8**		ug/m3	1.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Trichloroethene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Trichloroethene	ND		ug/m3	1.9	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichloropropane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.7	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromodichloromethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromodichloromethane	ND		ug/m3	2.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Toluene	**0.61**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Toluene	**2.3**		ug/m3	1.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.6	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.0	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Tetrachloroethene	**30**		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Tetrachloroethene	**210**		ug/m3	2.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
2-Hexanone	ND		ppbv	0.90	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
2-Hexanone	ND		ug/m3	3.7	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 457924

457924-007 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Dibromochloromethane	ND		ug/m3	3.1	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dibromoethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dibromoethane	ND		ug/m3	2.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chlorobenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Chlorobenzene	ND		ug/m3	1.7	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Ethylbenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Ethylbenzene	ND		ug/m3	1.6	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
m,p-Xylenes	ND		ppbv	0.72	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
m,p-Xylenes	ND		ug/m3	3.1	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
o-Xylene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
o-Xylene	ND		ug/m3	1.6	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Styrene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Styrene	ND		ug/m3	1.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromoform	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Bromoform	ND		ug/m3	3.7	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.5	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
4-Ethyltoluene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
4-Ethyltoluene	ND		ug/m3	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Benzyl chloride	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Benzyl chloride	ND		ug/m3	1.9	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.2	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	2.7	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Hexachlorobutadiene	ND		ppbv	0.36	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Hexachlorobutadiene	ND		ug/m3	3.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Naphthalene	ND		ppbv	1.8	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Naphthalene	ND		ug/m3	9.4	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	112%		%REC	60-140	1.8	283642	02/12/22 00:42	02/12/22 00:42	ZNZ

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC970996**	**Batch:**	**283332**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC970996 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Helium	9.459	10.00	mol %	95%		85-115

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC970997**	**Batch:**	**283332**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC970997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Helium	9.404	10.00	mol %	94%		85-115	1	10

Type:	**Blank**	**Lab ID:**	**QC970998**	**Batch:**	**283332**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC970998 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Helium	ND		mol %	0.10	02/08/22	02/08/22

Type:	**Sample Duplicate**	**Lab ID:**	**QC970999**	**Batch:**	**283332**
Matrix (Source ID):	**Air (457903-007)**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC970999 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %			20	1.8

Type:	**Sample Duplicate**	**Lab ID:**	**QC971000**	**Batch:**	**283332**
Matrix (Source ID):	**Air (457946-001)**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971000 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %		5	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC971956	Batch:	283642
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC971956 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.87	10.00	ppbv	109%		70-130
Propylene	9.137	10.00	ppbv	91%		70-130
Freon 12	11.39	10.00	ppbv	114%		70-130
Freon 114	9.287	10.00	ppbv	93%		70-130
Chloromethane	8.711	10.00	ppbv	87%		70-130
Vinyl Chloride	8.731	10.00	ppbv	87%		70-130
1,3-Butadiene	7.986	10.00	ppbv	80%		70-130
Bromomethane	9.434	10.00	ppbv	94%		70-130
Chloroethane	8.567	10.00	ppbv	86%		70-130
Trichlorofluoromethane	10.95	10.00	ppbv	109%		70-130
1,1-Dichloroethene	9.884	10.00	ppbv	99%		70-130
Freon 113	10.27	10.00	ppbv	103%		70-130
Acetone	8.657	10.00	ppbv	87%		70-130
Carbon Disulfide	10.04	10.00	ppbv	100%		70-130
Isopropanol (IPA)	7.981	10.00	ppbv	80%		70-130
Methylene Chloride	8.769	10.00	ppbv	88%		70-130
trans-1,2-Dichloroethene	9.515	10.00	ppbv	95%		70-130
MTBE	9.979	10.00	ppbv	100%		70-130
n-Hexane	8.539	10.00	ppbv	85%		70-130
1,1-Dichloroethane	9.491	10.00	ppbv	95%		70-130
Vinyl Acetate	8.020	10.00	ppbv	80%		70-130
cis-1,2-Dichloroethene	9.398	10.00	ppbv	94%		70-130
2-Butanone	9.887	10.00	ppbv	99%		70-130
Ethyl Acetate	8.702	10.00	ppbv	87%		70-130
Chloroform	10.33	10.00	ppbv	103%		70-130
1,1,1-Trichloroethane	10.18	10.00	ppbv	102%		70-130
Cyclohexane	9.327	10.00	ppbv	93%		70-130
Carbon Tetrachloride	9.961	10.00	ppbv	100%		70-130
Benzene	9.610	10.00	ppbv	96%		70-130
1,2-Dichloroethane	10.64	10.00	ppbv	106%		70-130
n-Heptane	10.94	10.00	ppbv	109%		70-130
Trichloroethene	10.52	10.00	ppbv	105%		70-130
1,2-Dichloropropane	9.626	10.00	ppbv	96%		70-130
Bromodichloromethane	11.64	10.00	ppbv	116%		70-130
cis-1,3-Dichloropropene	10.28	10.00	ppbv	103%		70-130
4-Methyl-2-Pentanone	9.442	10.00	ppbv	94%		70-130
Toluene	10.70	10.00	ppbv	107%		70-130
trans-1,3-Dichloropropene	10.31	10.00	ppbv	103%		70-130
1,1,2-Trichloroethane	10.80	10.00	ppbv	108%		70-130
Tetrachloroethene	11.34	10.00	ppbv	113%		70-130
2-Hexanone	10.02	10.00	ppbv	100%		70-130
Dibromochloromethane	10.64	10.00	ppbv	106%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC971956 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,2-Dibromoethane	10.96	10.00	ppbv	110%		70-130
Chlorobenzene	8.643	10.00	ppbv	86%		70-130
Ethylbenzene	8.929	10.00	ppbv	89%		70-130
m,p-Xylenes	18.24	20.00	ppbv	91%		70-130
o-Xylene	9.261	10.00	ppbv	93%		70-130
Styrene	8.730	10.00	ppbv	87%		70-130
Bromoform	9.774	10.00	ppbv	98%		70-130
1,1,2,2-Tetrachloroethane	9.270	10.00	ppbv	93%		70-130
4-Ethyltoluene	9.130	10.00	ppbv	91%		70-130
1,3,5-Trimethylbenzene	9.095	10.00	ppbv	91%		70-130
1,2,4-Trimethylbenzene	9.224	10.00	ppbv	92%		70-130
1,3-Dichlorobenzene	9.522	10.00	ppbv	95%		70-130
1,4-Dichlorobenzene	9.665	10.00	ppbv	97%		70-130
Benzyl chloride	9.292	10.00	ppbv	93%		70-130
1,2-Dichlorobenzene	9.519	10.00	ppbv	95%		70-130
1,2,4-Trichlorobenzene	11.76	10.00	ppbv	118%	b	70-130
Hexachlorobutadiene	10.80	10.00	ppbv	108%		70-130
Naphthalene	10.19	10.00	ppbv	102%		70-130
Surrogates						
Bromofluorobenzene	11.02	10.00	ppbv	110%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC971957	Batch:	283642
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC971957 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.986	10.00	ppbv	100%		70-130	9	25
Propylene	9.195	10.00	ppbv	92%		70-130	1	25
Freon 12	11.09	10.00	ppbv	111%		70-130	3	25
Freon 114	9.268	10.00	ppbv	93%		70-130	0	25
Chloromethane	8.707	10.00	ppbv	87%		70-130	0	25
Vinyl Chloride	8.791	10.00	ppbv	88%		70-130	1	25
1,3-Butadiene	7.908	10.00	ppbv	79%		70-130	1	25
Bromomethane	9.263	10.00	ppbv	93%		70-130	2	25
Chloroethane	8.684	10.00	ppbv	87%		70-130	1	25
Trichlorofluoromethane	10.94	10.00	ppbv	109%		70-130	0	25
1,1-Dichloroethene	9.919	10.00	ppbv	99%		70-130	0	25
Freon 113	10.18	10.00	ppbv	102%		70-130	1	25
Acetone	8.459	10.00	ppbv	85%		70-130	2	25
Carbon Disulfide	9.975	10.00	ppbv	100%		70-130	1	25
Isopropanol (IPA)	8.114	10.00	ppbv	81%		70-130	2	25
Methylene Chloride	8.614	10.00	ppbv	86%		70-130	2	25
trans-1,2-Dichloroethene	9.486	10.00	ppbv	95%		70-130	0	25
MTBE	10.03	10.00	ppbv	100%		70-130	1	25
n-Hexane	8.512	10.00	ppbv	85%		70-130	0	25
1,1-Dichloroethane	9.544	10.00	ppbv	95%		70-130	1	25
Vinyl Acetate	7.935	10.00	ppbv	79%		70-130	1	25
cis-1,2-Dichloroethene	9.425	10.00	ppbv	94%		70-130	0	25
2-Butanone	9.984	10.00	ppbv	100%		70-130	1	25
Ethyl Acetate	8.720	10.00	ppbv	87%		70-130	0	25
Chloroform	10.56	10.00	ppbv	106%		70-130	2	25
1,1,1-Trichloroethane	10.33	10.00	ppbv	103%		70-130	1	25
Cyclohexane	9.366	10.00	ppbv	94%		70-130	0	25
Carbon Tetrachloride	10.08	10.00	ppbv	101%		70-130	1	25
Benzene	9.614	10.00	ppbv	96%		70-130	0	25
1,2-Dichloroethane	10.64	10.00	ppbv	106%		70-130	0	25
n-Heptane	10.06	10.00	ppbv	101%		70-130	8	25
Trichloroethene	9.732	10.00	ppbv	97%		70-130	8	25
1,2-Dichloropropane	8.902	10.00	ppbv	89%		70-130	8	25
Bromodichloromethane	10.77	10.00	ppbv	108%		70-130	8	25
cis-1,3-Dichloropropene	9.563	10.00	ppbv	96%		70-130	7	25
4-Methyl-2-Pentanone	8.739	10.00	ppbv	87%		70-130	8	25
Toluene	9.819	10.00	ppbv	98%		70-130	9	25
trans-1,3-Dichloropropene	9.615	10.00	ppbv	96%		70-130	7	25
1,1,2-Trichloroethane	9.953	10.00	ppbv	100%		70-130	8	25
Tetrachloroethene	10.53	10.00	ppbv	105%		70-130	7	25
2-Hexanone	9.303	10.00	ppbv	93%		70-130	7	25

ENTHALPY ANALYTICAL

Batch QC

QC971957 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Dibromochloromethane	9.870	10.00	ppbv	99%		70-130	7	25
1,2-Dibromoethane	10.02	10.00	ppbv	100%		70-130	9	25
Chlorobenzene	8.700	10.00	ppbv	87%		70-130	1	25
Ethylbenzene	8.972	10.00	ppbv	90%		70-130	0	25
m,p-Xylenes	18.08	20.00	ppbv	90%		70-130	1	25
o-Xylene	9.089	10.00	ppbv	91%		70-130	2	25
Styrene	8.750	10.00	ppbv	88%		70-130	0	25
Bromoform	9.829	10.00	ppbv	98%		70-130	1	25
1,1,2,2-Tetrachloroethane	9.263	10.00	ppbv	93%		70-130	0	25
4-Ethyltoluene	9.114	10.00	ppbv	91%		70-130	0	25
1,3,5-Trimethylbenzene	9.058	10.00	ppbv	91%		70-130	0	25
1,2,4-Trimethylbenzene	9.211	10.00	ppbv	92%		70-130	0	25
1,3-Dichlorobenzene	9.531	10.00	ppbv	95%		70-130	0	25
1,4-Dichlorobenzene	9.614	10.00	ppbv	96%		70-130	1	25
Benzyl chloride	9.359	10.00	ppbv	94%		70-130	1	25
1,2-Dichlorobenzene	9.414	10.00	ppbv	94%		70-130	1	25
1,2,4-Trichlorobenzene	11.61	10.00	ppbv	116%	b	70-130	1	25
Hexachlorobutadiene	10.44	10.00	ppbv	104%		70-130	3	25
Naphthalene	10.07	10.00	ppbv	101%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.99	10.00	ppbv	110%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	Blank	Lab ID:	QC971958	Batch:	283642
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC971958 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,4-Dioxane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Propylene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Freon 12	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Freon 114	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Chloromethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Vinyl Chloride	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,3-Butadiene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Bromomethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Chloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Trichlorofluoromethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,1-Dichloroethene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Freon 113	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Acetone	ND		ppbv	1.0	02/11/22 18:06	02/11/22 18:06
Carbon Disulfide	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Isopropanol (IPA)	ND		ppbv	1.0	02/11/22 18:06	02/11/22 18:06
Methylene Chloride	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
trans-1,2-Dichloroethene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
MTBE	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
n-Hexane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,1-Dichloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Vinyl Acetate	ND		ppbv	1.0	02/11/22 18:06	02/11/22 18:06
cis-1,2-Dichloroethene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
2-Butanone	ND		ppbv	1.0	02/11/22 18:06	02/11/22 18:06
Ethyl Acetate	ND		ppbv	0.40	02/11/22 18:06	02/11/22 18:06
Chloroform	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,1,1-Trichloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Cyclohexane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Carbon Tetrachloride	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Benzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,2-Dichloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
n-Heptane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Trichloroethene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,2-Dichloropropane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Bromodichloromethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
cis-1,3-Dichloropropene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
4-Methyl-2-Pentanone	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Toluene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
trans-1,3-Dichloropropene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,1,2-Trichloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Tetrachloroethene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
2-Hexanone	ND		ppbv	0.50	02/11/22 18:06	02/11/22 18:06
Dibromochloromethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06

ENTHALPY ANALYTICAL

Batch QC

QC971958 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Chlorobenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Ethylbenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
m,p-Xylenes	ND		ppbv	0.40	02/11/22 18:06	02/11/22 18:06
o-Xylene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Styrene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Bromoform	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
4-Ethyltoluene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,3,5-Trimethylbenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,2,4-Trimethylbenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,3-Dichlorobenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,4-Dichlorobenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Benzyl chloride	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,2-Dichlorobenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
1,2,4-Trichlorobenzene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Hexachlorobutadiene	ND		ppbv	0.20	02/11/22 18:06	02/11/22 18:06
Naphthalene	ND		ppbv	1.0	02/11/22 18:06	02/11/22 18:06
Surrogates				**Limits**		
Bromofluorobenzene	111%		%REC	60-140	02/11/22 18:06	02/11/22 18:06

Type:	**Lab Control Sample**	**Lab ID:**	**QC972100**	**Batch:**	**283684**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC972100 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Propylene	9.277	10.00	ppbv	93%		70-130
Surrogates						
Bromofluorobenzene	10.93	10.00	ppbv	109%		60-140

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC972101**	**Batch:**	**283684**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC972101 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Propylene	9.155	10.00	ppbv	92%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.85	10.00	ppbv	109%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC972102**	**Batch:**	**283684**
Matrix:	**Air**	**Method:**	**EPA TO-15**	**Prep Method:**	**METHOD**

QC972102 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Propylene	ND		ppbv	0.20	02/12/22 15:20	02/12/22 15:20
Surrogates				**Limits**		
Bromofluorobenzene	111%		%REC	60-140	02/12/22 15:20	02/12/22 15:20

ND Not Detected
b See narrative

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

enthalpy.com

Lab Job Number: 458042
Report Level: II
Report Date: 02/16/2022

Analytical Report *prepared for:*

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Project: 31402714.000-1 - Okaigan Dojo

Authorized for release by:

Jim Lin, Service Center Manager
Jim.lin@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

Yutian Lei WSP 2025 Gateway Place Suite 348 San Jose, CA 95110		Lab Job #:	458042
		Project No:	31402714.000-1
		Location:	Okaigan Dojo
		Date Received:	02/09/22

Sample ID	Lab ID	Collected	Matrix
SV-005	458042-001	02/07/22 12:33	Air
SV-006	458042-002	02/07/22 13:19	Air
SV-007	458042-003	02/07/22 14:03	Air
SV-008	458042-004	02/07/22 14:42	Air
SV-009	458042-005	02/08/22 11:09	Air
SV-010	458042-006	02/08/22 11:55	Air

Case Narrative

WSP 2025 Gateway Place Suite 348 San Jose, CA 95110 Yutian Lei	Lab Job Number: 458042 Project No: 31402714.000-1 Location: Okaigan Dojo Date Received: 02/09/22

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

Volatile Organics in Air by MS (EPA TO-15):
High response was observed for 1,2,4-trichlorobenzene in the ICV analyzed 01/07/22 20:01; affected data was qualified with "b". SV-009 (lab # 458042-005) was diluted due to high non-target analytes. No other analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 458042
Project No: 31402714.000-1
Location: Okaigan Dojo
Date Received: 02/09/22

Sample ID: SV-005 **Lab ID: 458042-001** **Collected: 02/07/22 12:33**
Matrix: Air

458042-001 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.48**		ppbv	0.40
Freon 12	**2.4**		ug/m3	2.0
Acetone	**6.8**		ppbv	2.0
Acetone	**16**		ug/m3	4.8
Isopropanol (IPA)	**10**		ppbv	2.0
Isopropanol (IPA)	**26**		ug/m3	4.9
Toluene	**1.4**		ppbv	0.40
Toluene	**5.3**		ug/m3	1.5
Tetrachloroethene	**9.5**		ppbv	0.40
Tetrachloroethene	**65**		ug/m3	2.7
m,p-Xylenes	**1.3**		ppbv	0.80
m,p-Xylenes	**5.8**		ug/m3	3.5
o-Xylene	**0.41**		ppbv	0.40
o-Xylene	**1.8**		ug/m3	1.7

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SV-006	Lab ID: 458042-002	Collected: 02/07/22 13:19
	Matrix: Air	

458042-002 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.54**		ppbv	0.40
Freon 12	**2.7**		ug/m3	2.0
Acetone	**8.4**		ppbv	2.0
Acetone	**20**		ug/m3	4.8
Isopropanol (IPA)	**21**		ppbv	2.0
Isopropanol (IPA)	**53**		ug/m3	4.9
Chloroform	**29**		ppbv	0.40
Chloroform	**140**		ug/m3	2.0
Bromodichloromethane	**0.97**		ppbv	0.40
Bromodichloromethane	**6.5**		ug/m3	2.7
Toluene	**1.1**		ppbv	0.40
Toluene	**4.0**		ug/m3	1.5
m,p-Xylenes	**1.3**		ppbv	0.80
m,p-Xylenes	**5.9**		ug/m3	3.5
o-Xylene	**0.41**		ppbv	0.40
o-Xylene	**1.8**		ug/m3	1.7
1,2,4-Trimethylbenzene	**0.48**		ppbv	0.40
1,2,4-Trimethylbenzene	**2.4**		ug/m3	2.0

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SV-007	Lab ID: 458042-003	Collected: 02/07/22 14:03
	Matrix: Air	

458042-003 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.53**		ppbv	0.40
Freon 12	**2.6**		ug/m3	2.0
Acetone	**10**		ppbv	2.0
Acetone	**24**		ug/m3	4.8
Isopropanol (IPA)	**24**		ppbv	2.0
Isopropanol (IPA)	**59**		ug/m3	4.9
Chloroform	**0.99**		ppbv	0.40
Chloroform	**4.8**		ug/m3	2.0
Toluene	**1.3**		ppbv	0.40
Toluene	**4.7**		ug/m3	1.5
Tetrachloroethene	**0.55**		ppbv	0.40
Tetrachloroethene	**3.7**		ug/m3	2.7
m,p-Xylenes	**1.6**		ppbv	0.80
m,p-Xylenes	**7.0**		ug/m3	3.5
o-Xylene	**0.49**		ppbv	0.40
o-Xylene	**2.1**		ug/m3	1.7
1,2,4-Trimethylbenzene	**0.56**		ppbv	0.40
1,2,4-Trimethylbenzene	**2.8**		ug/m3	2.0

Sample ID: SV-008	Lab ID: 458042-004	Collected: 02/07/22 14:42
	Matrix: Air	

458042-004 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Freon 12	**0.53**		ppbv	0.40
Freon 12	**2.6**		ug/m3	2.0
Acetone	**8.8**		ppbv	2.0
Acetone	**21**		ug/m3	4.8
Isopropanol (IPA)	**13**		ppbv	2.0
Isopropanol (IPA)	**32**		ug/m3	4.9
Chloroform	**1.0**		ppbv	0.40
Chloroform	**4.9**		ug/m3	2.0
Toluene	**0.88**		ppbv	0.40
Toluene	**3.3**		ug/m3	1.5
Tetrachloroethene	**2.1**		ppbv	0.40
Tetrachloroethene	**15**		ug/m3	2.7
m,p-Xylenes	**1.0**		ppbv	0.80
m,p-Xylenes	**4.5**		ug/m3	3.5

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID: SV-009	Lab ID: 458042-005	Collected: 02/08/22 11:09
	Matrix: Air	

458042-005 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
1,4-Dioxane	**0.86**		ppbv	0.80
1,4-Dioxane	**3.1**		ug/m3	2.9
Acetone	**27**		ppbv	4.0
Acetone	**65**		ug/m3	9.5
Isopropanol (IPA)	**11**		ppbv	4.0
Isopropanol (IPA)	**27**		ug/m3	9.8
Toluene	**1.3**		ppbv	0.80
Toluene	**4.8**		ug/m3	3.0
Tetrachloroethene	**0.94**		ppbv	0.80
Tetrachloroethene	**6.4**		ug/m3	5.4

Sample ID: SV-010	Lab ID: 458042-006	Collected: 02/08/22 11:55
	Matrix: Air	

458042-006 Analyte	Result	Qual	Units	RL
Method: EPA TO-15 Prep Method: METHOD				
Acetone	**10**		ppbv	8.0
Acetone	**25**		ug/m3	19
Isopropanol (IPA)	**11**		ppbv	8.0
Isopropanol (IPA)	**27**		ug/m3	20
Toluene	**2.1**		ppbv	1.6
Toluene	**8.1**		ug/m3	6.0
Tetrachloroethene	**150**		ppbv	1.6
Tetrachloroethene	**1,000**		ug/m3	11

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Air Chain of Custody Record

Lab No: 458042

Page: 1 of 1

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

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Special Instructions:

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	WSP USA	Name:	Okanagan Dojo
Report To:	Yutian Lu	Number:	31402714.000-1
Email:	sanjosemain@wsp.com	P.O. #:	
Address:	2025 Gateway Pl #348	Address:	19720 Stevens Creek, Cupertino
Phone:	408-878-0668	Global ID:	
Fax:		Sampled By:	Lusi Tai

	Sample ID	Type (I) Indoor (A) Ambient (SV) Soil Vapor (S) Source	Equipment Information: Canister ID	Size (1L, 3L, 6L, 15L)	Flow Controller ID	Sampling Information: Sample Start Date	Sample Start Time	Vacuum Start ("Hg)	Sample End Date	Sample End Time	Vacuum End ("Hg)	Analysis Requested: VOCs (TO-15) SIM
1	SV-005	SV	227	1L	A10088	02/07/22	1225	29	2/07/22	1233	4	X
2	SV-006	SV	439	1L	A10063	02/7/22	1312	28	2/07/22	1319	4	X
3	SV-007	SV	452	1L	A10278	2/7/22	1357	28	2/07/22	1403	4	X
4	SV-008	SV	380	1L	A10152	2/7/22	1435	30	2/7/22	1442	4	X
5	SV-009	SV	285	1L	A10233	2/8/22	1101	30	2/8/22	1109	4	X
6	SV-010	SV	330	1L	A13036	2/8/22	1149	30	2/8/22	1155	4	X
7												
8												
9												
10												

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	[illegible]	Lusi Tai	WSP / Consultant	
1 Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY / TECH III	02/09/22 10:38
2 Relinquished By:	Audrey Hudson	" "	" "	02/09/22 12:23
2 Received By:	[illegible]	Miguel Gamboa	EA	2/9/22 1223
3 Relinquished By:	[illegible]	Miguel Gamboa	EA	2/9/22 1300
3 Received By:	[illegible]	[illegible]	EA	2/10/22 0730

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: WSP

Project: Okaigan Dojo

Date Received: 02/10/22

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): Ambient

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: Greyhound

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: 2/10/22

ENTHALPY ANALYTICAL

Analysis Results for 458042

Yutian Lei
WSP
2025 Gateway Place
Suite 348
San Jose, CA 95110

Lab Job #: 458042
Project No: 31402714.000-1
Location: Okaigan Dojo
Date Received: 02/09/22

Sample ID: SV-005 **Lab ID: 458042-001** **Collected: 02/07/22 12:33**
Matrix: Air

458042-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,4-Dioxane	ND		ug/m3	1.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Propylene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Propylene	ND		ug/m3	0.69	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 12	**0.48**		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 12	**2.4**		ug/m3	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 114	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 114	ND		ug/m3	2.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloromethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloromethane	ND		ug/m3	0.83	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Vinyl Chloride	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Vinyl Chloride	ND		ug/m3	1.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3-Butadiene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3-Butadiene	ND		ug/m3	0.88	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromomethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromomethane	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloroethane	ND		ug/m3	1.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Trichlorofluoromethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.2	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 113	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Freon 113	ND		ug/m3	3.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Acetone	**6.8**		ppbv	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Acetone	**16**		ug/m3	4.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Carbon Disulfide	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Carbon Disulfide	ND		ug/m3	1.2	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Isopropanol (IPA)	**10**		ppbv	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Isopropanol (IPA)	**26**		ug/m3	4.9	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Methylene Chloride	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Methylene Chloride	ND		ug/m3	1.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
MTBE	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
MTBE	ND		ug/m3	1.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
n-Hexane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
n-Hexane	ND		ug/m3	1.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Vinyl Acetate	ND		ppbv	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Vinyl Acetate	ND		ug/m3	7.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
2-Butanone	ND		ppbv	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
2-Butanone	ND		ug/m3	5.9	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Ethyl Acetate	ND		ppbv	0.80	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Ethyl Acetate	ND		ug/m3	2.9	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloroform	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chloroform	ND		ug/m3	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Cyclohexane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Cyclohexane	ND		ug/m3	1.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Carbon Tetrachloride	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.5	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Benzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Benzene	ND		ug/m3	1.3	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
n-Heptane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
n-Heptane	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Trichloroethene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Trichloroethene	ND		ug/m3	2.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichloropropane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromodichloromethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromodichloromethane	ND		ug/m3	2.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Toluene	**1.4**		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Toluene	**5.3**		ug/m3	1.5	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-001 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Tetrachloroethene	**9.5**		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Tetrachloroethene	**65**		ug/m3	2.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
2-Hexanone	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
2-Hexanone	ND		ug/m3	1.6	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Dibromochloromethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Dibromochloromethane	ND		ug/m3	3.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dibromoethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Chlorobenzene	ND		ug/m3	1.8	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Ethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Ethylbenzene	ND		ug/m3	1.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
m,p-Xylenes	**1.3**		ppbv	0.80	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
m,p-Xylenes	**5.8**		ug/m3	3.5	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
o-Xylene	**0.41**		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
o-Xylene	**1.8**		ug/m3	1.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Styrene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Styrene	ND		ug/m3	1.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromoform	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Bromoform	ND		ug/m3	4.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
4-Ethyltoluene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
4-Ethyltoluene	ND		ug/m3	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Benzyl chloride	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Benzyl chloride	ND		ug/m3	2.1	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Hexachlorobutadiene	ND		ppbv	0.40	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.3	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Naphthalene	ND		ppbv	1.0	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Naphthalene	ND		ug/m3	5.2	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	2	283696	02/14/22 08:47	02/14/22 08:47	ZNZ

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

Analysis Results for 458042

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

Sample ID: SV-006	Lab ID: 458042-002	Collected: 02/07/22 13:19
	Matrix: Air	

458042-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,4-Dioxane	ND		ug/m3	1.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Propylene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Propylene	ND		ug/m3	0.69	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 12	**0.54**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 12	**2.7**		ug/m3	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 114	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 114	ND		ug/m3	2.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloromethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloromethane	ND		ug/m3	0.83	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Vinyl Chloride	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Vinyl Chloride	ND		ug/m3	1.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3-Butadiene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3-Butadiene	ND		ug/m3	0.88	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromomethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromomethane	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloroethane	ND		ug/m3	1.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Trichlorofluoromethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.2	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1-Dichloroethene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 113	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Freon 113	ND		ug/m3	3.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Acetone	**8.4**		ppbv	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Acetone	**20**		ug/m3	4.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Carbon Disulfide	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Carbon Disulfide	ND		ug/m3	1.2	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Isopropanol (IPA)	**21**		ppbv	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Isopropanol (IPA)	**53**		ug/m3	4.9	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Methylene Chloride	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Methylene Chloride	ND		ug/m3	1.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
MTBE	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
MTBE	ND		ug/m3	1.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
n-Hexane	ND		ug/m3	1.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1-Dichloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Vinyl Acetate	ND		ppbv	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Vinyl Acetate	ND		ug/m3	7.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
2-Butanone	ND		ppbv	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
2-Butanone	ND		ug/m3	5.9	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Ethyl Acetate	ND		ppbv	0.80	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Ethyl Acetate	ND		ug/m3	2.9	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloroform	**29**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chloroform	**140**		ug/m3	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Cyclohexane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Cyclohexane	ND		ug/m3	1.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Carbon Tetrachloride	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.5	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Benzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Benzene	ND		ug/m3	1.3	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
n-Heptane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
n-Heptane	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Trichloroethene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Trichloroethene	ND		ug/m3	2.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichloropropane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromodichloromethane	**0.97**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromodichloromethane	**6.5**		ug/m3	2.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Toluene	**1.1**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Toluene	**4.0**		ug/m3	1.5	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Tetrachloroethene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Tetrachloroethene	ND		ug/m3	2.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
2-Hexanone	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
2-Hexanone	ND		ug/m3	1.6	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-002 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Dibromochloromethane	ND		ug/m3	3.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dibromoethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chlorobenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Chlorobenzene	ND		ug/m3	1.8	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Ethylbenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Ethylbenzene	ND		ug/m3	1.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
m,p-Xylenes	**1.3**		ppbv	0.80	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
m,p-Xylenes	**5.9**		ug/m3	3.5	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
o-Xylene	**0.41**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
o-Xylene	**1.8**		ug/m3	1.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Styrene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Styrene	ND		ug/m3	1.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromoform	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Bromoform	ND		ug/m3	4.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
4-Ethyltoluene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
4-Ethyltoluene	ND		ug/m3	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2,4-Trimethylbenzene	**0.48**		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2,4-Trimethylbenzene	**2.4**		ug/m3	2.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Benzyl chloride	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Benzyl chloride	ND		ug/m3	2.1	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Hexachlorobutadiene	ND		ppbv	0.40	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.3	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Naphthalene	ND		ppbv	1.0	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Naphthalene	ND		ug/m3	5.2	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	2	283696	02/13/22 23:38	02/13/22 23:38	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

Sample ID: SV-007	Lab ID: 458042-003	Collected: 02/07/22 14:03
	Matrix: Air	

458042-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,4-Dioxane	ND		ug/m3	1.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Propylene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Propylene	ND		ug/m3	0.69	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 12	**0.53**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 12	**2.6**		ug/m3	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 114	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 114	ND		ug/m3	2.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloromethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloromethane	ND		ug/m3	0.83	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Vinyl Chloride	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Vinyl Chloride	ND		ug/m3	1.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3-Butadiene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3-Butadiene	ND		ug/m3	0.88	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromomethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromomethane	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloroethane	ND		ug/m3	1.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Trichlorofluoromethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.2	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 113	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Freon 113	ND		ug/m3	3.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Acetone	**10**		ppbv	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Acetone	**24**		ug/m3	4.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Carbon Disulfide	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Carbon Disulfide	ND		ug/m3	1.2	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Isopropanol (IPA)	**24**		ppbv	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Isopropanol (IPA)	**59**		ug/m3	4.9	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Methylene Chloride	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Methylene Chloride	ND		ug/m3	1.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
MTBE	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
MTBE	ND		ug/m3	1.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
n-Hexane	ND		ug/m3	1.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Vinyl Acetate	ND		ppbv	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Vinyl Acetate	ND		ug/m3	7.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
2-Butanone	ND		ppbv	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
2-Butanone	ND		ug/m3	5.9	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Ethyl Acetate	ND		ppbv	0.80	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Ethyl Acetate	ND		ug/m3	2.9	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloroform	**0.99**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chloroform	**4.8**		ug/m3	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Cyclohexane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Cyclohexane	ND		ug/m3	1.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Carbon Tetrachloride	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.5	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Benzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Benzene	ND		ug/m3	1.3	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
n-Heptane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
n-Heptane	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Trichloroethene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Trichloroethene	ND		ug/m3	2.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichloropropane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromodichloromethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromodichloromethane	ND		ug/m3	2.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Toluene	**1.3**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Toluene	**4.7**		ug/m3	1.5	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Tetrachloroethene	**0.55**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Tetrachloroethene	**3.7**		ug/m3	2.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
2-Hexanone	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
2-Hexanone	ND		ug/m3	1.6	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-003 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Dibromochloromethane	ND		ug/m3	3.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dibromoethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Chlorobenzene	ND		ug/m3	1.8	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Ethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Ethylbenzene	ND		ug/m3	1.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
m,p-Xylenes	**1.6**		ppbv	0.80	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
m,p-Xylenes	**7.0**		ug/m3	3.5	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
o-Xylene	**0.49**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
o-Xylene	**2.1**		ug/m3	1.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Styrene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Styrene	ND		ug/m3	1.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromoform	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Bromoform	ND		ug/m3	4.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
4-Ethyltoluene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
4-Ethyltoluene	ND		ug/m3	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2,4-Trimethylbenzene	**0.56**		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2,4-Trimethylbenzene	**2.8**		ug/m3	2.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Benzyl chloride	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Benzyl chloride	ND		ug/m3	2.1	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Hexachlorobutadiene	ND		ppbv	0.40	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.3	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Naphthalene	ND		ppbv	1.0	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Naphthalene	ND		ug/m3	5.2	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	2	283696	02/14/22 00:28	02/14/22 00:28	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

Sample ID: SV-008	Lab ID: 458042-004	Collected: 02/07/22 14:42
	Matrix: Air	

458042-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,4-Dioxane	ND		ug/m3	1.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Propylene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Propylene	ND		ug/m3	0.69	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 12	**0.53**		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 12	**2.6**		ug/m3	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 114	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 114	ND		ug/m3	2.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloromethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloromethane	ND		ug/m3	0.83	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Vinyl Chloride	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Vinyl Chloride	ND		ug/m3	1.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3-Butadiene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3-Butadiene	ND		ug/m3	0.88	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromomethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromomethane	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloroethane	ND		ug/m3	1.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Trichlorofluoromethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Trichlorofluoromethane	ND		ug/m3	2.2	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 113	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Freon 113	ND		ug/m3	3.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Acetone	**8.8**		ppbv	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Acetone	**21**		ug/m3	4.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Carbon Disulfide	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Carbon Disulfide	ND		ug/m3	1.2	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Isopropanol (IPA)	**13**		ppbv	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Isopropanol (IPA)	**32**		ug/m3	4.9	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Methylene Chloride	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Methylene Chloride	ND		ug/m3	1.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
MTBE	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
MTBE	ND		ug/m3	1.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
n-Hexane	ND		ug/m3	1.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Vinyl Acetate	ND		ppbv	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Vinyl Acetate	ND		ug/m3	7.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
2-Butanone	ND		ppbv	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
2-Butanone	ND		ug/m3	5.9	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Ethyl Acetate	ND		ppbv	0.80	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Ethyl Acetate	ND		ug/m3	2.9	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloroform	**1.0**		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chloroform	**4.9**		ug/m3	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Cyclohexane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Cyclohexane	ND		ug/m3	1.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Carbon Tetrachloride	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Carbon Tetrachloride	ND		ug/m3	2.5	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Benzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Benzene	ND		ug/m3	1.3	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichloroethane	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
n-Heptane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
n-Heptane	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Trichloroethene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Trichloroethene	ND		ug/m3	2.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichloropropane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichloropropane	ND		ug/m3	1.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromodichloromethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromodichloromethane	ND		ug/m3	2.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Toluene	**0.88**		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Toluene	**3.3**		ug/m3	1.5	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	1.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	2.2	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Tetrachloroethene	**2.1**		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Tetrachloroethene	**15**		ug/m3	2.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
2-Hexanone	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
2-Hexanone	ND		ug/m3	1.6	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-004 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Dibromochloromethane	ND		ug/m3	3.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dibromoethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dibromoethane	ND		ug/m3	3.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Chlorobenzene	ND		ug/m3	1.8	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Ethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Ethylbenzene	ND		ug/m3	1.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
m,p-Xylenes	**1.0**		ppbv	0.80	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
m,p-Xylenes	**4.5**		ug/m3	3.5	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
o-Xylene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
o-Xylene	ND		ug/m3	1.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Styrene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Styrene	ND		ug/m3	1.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromoform	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Bromoform	ND		ug/m3	4.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	2.7	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
4-Ethyltoluene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
4-Ethyltoluene	ND		ug/m3	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	2.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Benzyl chloride	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Benzyl chloride	ND		ug/m3	2.1	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	2.4	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	3.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Hexachlorobutadiene	ND		ppbv	0.40	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Hexachlorobutadiene	ND		ug/m3	4.3	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Naphthalene	ND		ppbv	1.0	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Naphthalene	ND		ug/m3	5.2	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	110%		%REC	60-140	2	283696	02/14/22 07:57	02/14/22 07:57	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

Sample ID: SV-009	Lab ID: 458042-005	Collected: 02/08/22 11:09
	Matrix: Air	

458042-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	**0.86**		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,4-Dioxane	**3.1**		ug/m3	2.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Propylene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Propylene	ND		ug/m3	1.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 12	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 12	ND		ug/m3	4.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 114	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 114	ND		ug/m3	5.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloromethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloromethane	ND		ug/m3	1.7	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Vinyl Chloride	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Vinyl Chloride	ND		ug/m3	2.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3-Butadiene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3-Butadiene	ND		ug/m3	1.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromomethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromomethane	ND		ug/m3	3.1	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloroethane	ND		ug/m3	2.1	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Trichlorofluoromethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Trichlorofluoromethane	ND		ug/m3	4.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1-Dichloroethene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1-Dichloroethene	ND		ug/m3	3.2	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 113	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Freon 113	ND		ug/m3	6.1	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Acetone	**27**		ppbv	4.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Acetone	**65**		ug/m3	9.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Carbon Disulfide	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Carbon Disulfide	ND		ug/m3	2.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Isopropanol (IPA)	**11**		ppbv	4.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Isopropanol (IPA)	**27**		ug/m3	9.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Methylene Chloride	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Methylene Chloride	ND		ug/m3	2.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	3.2	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
MTBE	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
MTBE	ND		ug/m3	2.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
n-Hexane	ND		ug/m3	2.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1-Dichloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1-Dichloroethane	ND		ug/m3	3.2	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Vinyl Acetate	ND		ppbv	4.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Vinyl Acetate	ND		ug/m3	14	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	3.2	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
2-Butanone	ND		ppbv	4.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
2-Butanone	ND		ug/m3	12	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Ethyl Acetate	ND		ppbv	1.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Ethyl Acetate	ND		ug/m3	5.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloroform	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chloroform	ND		ug/m3	3.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,1-Trichloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	4.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Cyclohexane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Cyclohexane	ND		ug/m3	2.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Carbon Tetrachloride	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Carbon Tetrachloride	ND		ug/m3	5.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Benzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Benzene	ND		ug/m3	2.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichloroethane	ND		ug/m3	3.2	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
n-Heptane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
n-Heptane	ND		ug/m3	3.3	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Trichloroethene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Trichloroethene	ND		ug/m3	4.3	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichloropropane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichloropropane	ND		ug/m3	3.7	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromodichloromethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromodichloromethane	ND		ug/m3	5.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	3.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	3.3	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Toluene	**1.3**		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Toluene	**4.8**		ug/m3	3.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	3.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,2-Trichloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	4.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Tetrachloroethene	**0.94**		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Tetrachloroethene	**6.4**		ug/m3	5.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
2-Hexanone	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
2-Hexanone	ND		ug/m3	3.3	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-005 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Dibromochloromethane	ND		ug/m3	6.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dibromoethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dibromoethane	ND		ug/m3	6.1	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chlorobenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Chlorobenzene	ND		ug/m3	3.7	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Ethylbenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Ethylbenzene	ND		ug/m3	3.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
m,p-Xylenes	ND		ppbv	1.6	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
m,p-Xylenes	ND		ug/m3	6.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
o-Xylene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
o-Xylene	ND		ug/m3	3.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Styrene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Styrene	ND		ug/m3	3.4	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromoform	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Bromoform	ND		ug/m3	8.3	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	5.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
4-Ethyltoluene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
4-Ethyltoluene	ND		ug/m3	3.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	3.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	3.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3-Dichlorobenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	4.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,4-Dichlorobenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	4.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Benzyl chloride	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Benzyl chloride	ND		ug/m3	4.1	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichlorobenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	4.8	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	5.9	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Hexachlorobutadiene	ND		ppbv	0.80	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Hexachlorobutadiene	ND		ug/m3	8.5	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Naphthalene	ND		ppbv	2.0	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Naphthalene	ND		ug/m3	10	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	110%		%REC	60-140	4	283696	02/14/22 09:34	02/14/22 09:34	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

Sample ID: SV-010	Lab ID: 458042-006	Collected: 02/08/22 11:55
	Matrix: Air	

458042-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D1946 Prep Method: METHOD									
Helium	ND		Mol %	0.20	2	283500	02/10/22	02/10/22	MPD
Helium	ND		ppmv	2,000	2	283500	02/10/22	02/10/22	MPD
Method: EPA TO-15 Prep Method: METHOD									
1,4-Dioxane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,4-Dioxane	ND		ug/m3	5.8	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Propylene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Propylene	ND		ug/m3	2.8	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 12	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 12	ND		ug/m3	7.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 114	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 114	ND		ug/m3	11	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloromethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloromethane	ND		ug/m3	3.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Vinyl Chloride	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Vinyl Chloride	ND		ug/m3	4.1	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3-Butadiene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3-Butadiene	ND		ug/m3	3.5	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromomethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromomethane	ND		ug/m3	6.2	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloroethane	ND		ug/m3	4.2	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Trichlorofluoromethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Trichlorofluoromethane	ND		ug/m3	9.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1-Dichloroethene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1-Dichloroethene	ND		ug/m3	6.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 113	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Freon 113	ND		ug/m3	12	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Acetone	**10**		ppbv	8.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Acetone	**25**		ug/m3	19	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Carbon Disulfide	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Carbon Disulfide	ND		ug/m3	5.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Isopropanol (IPA)	**11**		ppbv	8.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Isopropanol (IPA)	**27**		ug/m3	20	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Methylene Chloride	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Methylene Chloride	ND		ug/m3	5.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
trans-1,2-Dichloroethene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
trans-1,2-Dichloroethene	ND		ug/m3	6.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
MTBE	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
MTBE	ND		ug/m3	5.8	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
n-Hexane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
n-Hexane	ND		ug/m3	5.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1-Dichloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1-Dichloroethane	ND		ug/m3	6.5	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Vinyl Acetate	ND		ppbv	8.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Vinyl Acetate	ND		ug/m3	28	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
cis-1,2-Dichloroethene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
cis-1,2-Dichloroethene	ND		ug/m3	6.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
2-Butanone	ND		ppbv	8.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
2-Butanone	ND		ug/m3	24	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Ethyl Acetate	ND		ppbv	3.2	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Ethyl Acetate	ND		ug/m3	12	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloroform	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chloroform	ND		ug/m3	7.8	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,1-Trichloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,1-Trichloroethane	ND		ug/m3	8.7	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Cyclohexane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Cyclohexane	ND		ug/m3	5.5	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Carbon Tetrachloride	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Carbon Tetrachloride	ND		ug/m3	10	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Benzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Benzene	ND		ug/m3	5.1	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichloroethane	ND		ug/m3	6.5	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
n-Heptane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
n-Heptane	ND		ug/m3	6.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Trichloroethene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Trichloroethene	ND		ug/m3	8.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichloropropane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichloropropane	ND		ug/m3	7.4	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromodichloromethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromodichloromethane	ND		ug/m3	11	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
cis-1,3-Dichloropropene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
cis-1,3-Dichloropropene	ND		ug/m3	7.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
4-Methyl-2-Pentanone	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
4-Methyl-2-Pentanone	ND		ug/m3	6.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Toluene	**2.1**		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Toluene	**8.1**		ug/m3	6.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
trans-1,3-Dichloropropene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
trans-1,3-Dichloropropene	ND		ug/m3	7.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,2-Trichloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,2-Trichloroethane	ND		ug/m3	8.7	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Tetrachloroethene	**150**		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Tetrachloroethene	**1,000**		ug/m3	11	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
2-Hexanone	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
2-Hexanone	ND		ug/m3	6.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ

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

ENTHALPY ANALYTICAL

Analysis Results for 458042

458042-006 Analyte	Result	Qual	Units	RL	DF	Batch	Prepared	Analyzed	Chemist
Dibromochloromethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Dibromochloromethane	ND		ug/m3	14	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dibromoethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dibromoethane	ND		ug/m3	12	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chlorobenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Chlorobenzene	ND		ug/m3	7.4	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Ethylbenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Ethylbenzene	ND		ug/m3	6.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
m,p-Xylenes	ND		ppbv	3.2	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
m,p-Xylenes	ND		ug/m3	14	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
o-Xylene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
o-Xylene	ND		ug/m3	6.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Styrene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Styrene	ND		ug/m3	6.8	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromoform	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Bromoform	ND		ug/m3	17	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,2,2-Tetrachloroethane	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,1,2,2-Tetrachloroethane	ND		ug/m3	11	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
4-Ethyltoluene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
4-Ethyltoluene	ND		ug/m3	7.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3,5-Trimethylbenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3,5-Trimethylbenzene	ND		ug/m3	7.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2,4-Trimethylbenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2,4-Trimethylbenzene	ND		ug/m3	7.9	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3-Dichlorobenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,3-Dichlorobenzene	ND		ug/m3	9.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,4-Dichlorobenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,4-Dichlorobenzene	ND		ug/m3	9.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Benzyl chloride	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Benzyl chloride	ND		ug/m3	8.3	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichlorobenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2-Dichlorobenzene	ND		ug/m3	9.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2,4-Trichlorobenzene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
1,2,4-Trichlorobenzene	ND		ug/m3	12	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Hexachlorobutadiene	ND		ppbv	1.6	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Hexachlorobutadiene	ND		ug/m3	17	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Naphthalene	ND		ppbv	4.0	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Naphthalene	ND		ug/m3	21	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ
Surrogates				**Limits**					
Bromofluorobenzene	111%		%REC	60-140	8	283696	02/14/22 10:19	02/14/22 10:19	ZNZ

ND Not Detected

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

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC971473**	**Batch:**	**283500**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971473 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Helium	9.323	10.00	mol %	93%		85-115

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC971474**	**Batch:**	**283500**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971474 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Helium	9.223	10.00	mol %	92%		85-115	1	10

Type:	**Blank**	**Lab ID:**	**QC971475**	**Batch:**	**283500**
Matrix:	**Air**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971475 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
Helium	ND		mol %	0.10	02/10/22	02/10/22

Type:	**Sample Duplicate**	**Lab ID:**	**QC971476**	**Batch:**	**283500**
Matrix (Source ID):	**Air (457967-001)**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971476 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %		9	20	2

Type:	**Sample Duplicate**	**Lab ID:**	**QC971477**	**Batch:**	**283500**
Matrix (Source ID):	**Air (458092-001)**	**Method:**	**ASTM D1946**	**Prep Method:**	**METHOD**

QC971477 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Helium	ND	ND	mol %		0	20	1.8

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC972142	Batch:	283696
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC972142 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.02	10.00	ppbv	100%		70-130
Propylene	9.525	10.00	ppbv	95%		70-130
Freon 12	11.08	10.00	ppbv	111%		70-130
Freon 114	9.236	10.00	ppbv	92%		70-130
Chloromethane	8.539	10.00	ppbv	85%		70-130
Vinyl Chloride	9.252	10.00	ppbv	93%		70-130
1,3-Butadiene	8.450	10.00	ppbv	84%		70-130
Bromomethane	9.562	10.00	ppbv	96%		70-130
Chloroethane	8.819	10.00	ppbv	88%		70-130
Trichlorofluoromethane	10.69	10.00	ppbv	107%		70-130
1,1-Dichloroethene	9.937	10.00	ppbv	99%		70-130
Freon 113	10.26	10.00	ppbv	103%		70-130
Acetone	8.797	10.00	ppbv	88%		70-130
Carbon Disulfide	10.14	10.00	ppbv	101%		70-130
Isopropanol (IPA)	8.410	10.00	ppbv	84%		70-130
Methylene Chloride	9.015	10.00	ppbv	90%		70-130
trans-1,2-Dichloroethene	9.446	10.00	ppbv	94%		70-130
MTBE	10.08	10.00	ppbv	101%		70-130
n-Hexane	8.734	10.00	ppbv	87%		70-130
1,1-Dichloroethane	9.646	10.00	ppbv	96%		70-130
Vinyl Acetate	8.068	10.00	ppbv	81%		70-130
cis-1,2-Dichloroethene	9.518	10.00	ppbv	95%		70-130
2-Butanone	9.990	10.00	ppbv	100%		70-130
Ethyl Acetate	8.897	10.00	ppbv	89%		70-130
Chloroform	10.42	10.00	ppbv	104%		70-130
1,1,1-Trichloroethane	10.19	10.00	ppbv	102%		70-130
Cyclohexane	9.384	10.00	ppbv	94%		70-130
Carbon Tetrachloride	9.839	10.00	ppbv	98%		70-130
Benzene	9.780	10.00	ppbv	98%		70-130
1,2-Dichloroethane	10.48	10.00	ppbv	105%		70-130
n-Heptane	10.24	10.00	ppbv	102%		70-130
Trichloroethene	9.753	10.00	ppbv	98%		70-130
1,2-Dichloropropane	9.008	10.00	ppbv	90%		70-130
Bromodichloromethane	10.66	10.00	ppbv	107%		70-130
cis-1,3-Dichloropropene	9.516	10.00	ppbv	95%		70-130
4-Methyl-2-Pentanone	8.895	10.00	ppbv	89%		70-130
Toluene	9.809	10.00	ppbv	98%		70-130
trans-1,3-Dichloropropene	9.416	10.00	ppbv	94%		70-130
1,1,2-Trichloroethane	9.966	10.00	ppbv	100%		70-130
Tetrachloroethene	10.44	10.00	ppbv	104%		70-130
2-Hexanone	9.272	10.00	ppbv	93%		70-130
Dibromochloromethane	9.652	10.00	ppbv	97%		70-130

ENTHALPY ANALYTICAL

Batch QC

QC972142 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,2-Dibromoethane	9.981	10.00	ppbv	100%		70-130
Chlorobenzene	8.622	10.00	ppbv	86%		70-130
Ethylbenzene	8.962	10.00	ppbv	90%		70-130
m,p-Xylenes	18.04	20.00	ppbv	90%		70-130
o-Xylene	9.042	10.00	ppbv	90%		70-130
Styrene	8.734	10.00	ppbv	87%		70-130
Bromoform	9.590	10.00	ppbv	96%		70-130
1,1,2,2-Tetrachloroethane	9.256	10.00	ppbv	93%		70-130
4-Ethyltoluene	9.055	10.00	ppbv	91%		70-130
1,3,5-Trimethylbenzene	8.948	10.00	ppbv	89%		70-130
1,2,4-Trimethylbenzene	9.087	10.00	ppbv	91%		70-130
1,3-Dichlorobenzene	9.424	10.00	ppbv	94%		70-130
1,4-Dichlorobenzene	9.480	10.00	ppbv	95%		70-130
Benzyl chloride	8.979	10.00	ppbv	90%		70-130
1,2-Dichlorobenzene	9.314	10.00	ppbv	93%		70-130
1,2,4-Trichlorobenzene	11.48	10.00	ppbv	115%	b	70-130
Hexachlorobutadiene	10.68	10.00	ppbv	107%		70-130
Naphthalene	9.758	10.00	ppbv	98%		70-130
Surrogates						
Bromofluorobenzene	11.09	10.00	ppbv	111%		60-140

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC972143	Batch:	283696
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC972143 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.32	10.00	ppbv	103%		70-130	3	25
Propylene	9.406	10.00	ppbv	94%		70-130	1	25
Freon 12	11.02	10.00	ppbv	110%		70-130	0	25
Freon 114	9.373	10.00	ppbv	94%		70-130	1	25
Chloromethane	8.590	10.00	ppbv	86%		70-130	1	25
Vinyl Chloride	9.327	10.00	ppbv	93%		70-130	1	25
1,3-Butadiene	8.502	10.00	ppbv	85%		70-130	1	25
Bromomethane	9.920	10.00	ppbv	99%		70-130	4	25
Chloroethane	8.931	10.00	ppbv	89%		70-130	1	25
Trichlorofluoromethane	10.86	10.00	ppbv	109%		70-130	2	25
1,1-Dichloroethene	10.08	10.00	ppbv	101%		70-130	1	25
Freon 113	10.38	10.00	ppbv	104%		70-130	1	25
Acetone	8.609	10.00	ppbv	86%		70-130	2	25
Carbon Disulfide	10.17	10.00	ppbv	102%		70-130	0	25
Isopropanol (IPA)	8.598	10.00	ppbv	86%		70-130	2	25
Methylene Chloride	8.968	10.00	ppbv	90%		70-130	1	25
trans-1,2-Dichloroethene	9.687	10.00	ppbv	97%		70-130	3	25
MTBE	10.20	10.00	ppbv	102%		70-130	1	25
n-Hexane	8.865	10.00	ppbv	89%		70-130	1	25
1,1-Dichloroethane	9.695	10.00	ppbv	97%		70-130	1	25
Vinyl Acetate	8.063	10.00	ppbv	81%		70-130	0	25
cis-1,2-Dichloroethene	9.669	10.00	ppbv	97%		70-130	2	25
2-Butanone	10.10	10.00	ppbv	101%		70-130	1	25
Ethyl Acetate	9.056	10.00	ppbv	91%		70-130	2	25
Chloroform	10.64	10.00	ppbv	106%		70-130	2	25
1,1,1-Trichloroethane	10.31	10.00	ppbv	103%		70-130	1	25
Cyclohexane	9.562	10.00	ppbv	96%		70-130	2	25
Carbon Tetrachloride	9.998	10.00	ppbv	100%		70-130	2	25
Benzene	9.881	10.00	ppbv	99%		70-130	1	25
1,2-Dichloroethane	10.68	10.00	ppbv	107%		70-130	2	25
n-Heptane	10.34	10.00	ppbv	103%		70-130	1	25
Trichloroethene	9.846	10.00	ppbv	98%		70-130	1	25
1,2-Dichloropropane	9.218	10.00	ppbv	92%		70-130	2	25
Bromodichloromethane	10.86	10.00	ppbv	109%		70-130	2	25
cis-1,3-Dichloropropene	9.724	10.00	ppbv	97%		70-130	2	25
4-Methyl-2-Pentanone	8.962	10.00	ppbv	90%		70-130	1	25
Toluene	9.988	10.00	ppbv	100%		70-130	2	25
trans-1,3-Dichloropropene	9.651	10.00	ppbv	97%		70-130	2	25
1,1,2-Trichloroethane	10.04	10.00	ppbv	100%		70-130	1	25
Tetrachloroethene	10.55	10.00	ppbv	106%		70-130	1	25
2-Hexanone	9.449	10.00	ppbv	94%		70-130	2	25

ENTHALPY ANALYTICAL

Batch QC

QC972143 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Dibromochloromethane	9.833	10.00	ppbv	98%		70-130	2	25
1,2-Dibromoethane	10.12	10.00	ppbv	101%		70-130	1	25
Chlorobenzene	8.680	10.00	ppbv	87%		70-130	1	25
Ethylbenzene	8.955	10.00	ppbv	90%		70-130	0	25
m,p-Xylenes	18.05	20.00	ppbv	90%		70-130	0	25
o-Xylene	9.097	10.00	ppbv	91%		70-130	1	25
Styrene	8.774	10.00	ppbv	88%		70-130	0	25
Bromoform	9.661	10.00	ppbv	97%		70-130	1	25
1,1,2,2-Tetrachloroethane	9.326	10.00	ppbv	93%		70-130	1	25
4-Ethyltoluene	9.015	10.00	ppbv	90%		70-130	0	25
1,3,5-Trimethylbenzene	9.006	10.00	ppbv	90%		70-130	1	25
1,2,4-Trimethylbenzene	9.093	10.00	ppbv	91%		70-130	0	25
1,3-Dichlorobenzene	9.352	10.00	ppbv	94%		70-130	1	25
1,4-Dichlorobenzene	9.556	10.00	ppbv	96%		70-130	1	25
Benzyl chloride	9.176	10.00	ppbv	92%		70-130	2	25
1,2-Dichlorobenzene	9.363	10.00	ppbv	94%		70-130	1	25
1,2,4-Trichlorobenzene	11.32	10.00	ppbv	113%	b	70-130	1	25
Hexachlorobutadiene	10.21	10.00	ppbv	102%		70-130	4	25
Naphthalene	9.845	10.00	ppbv	98%		70-130	1	25
Surrogates								
Bromofluorobenzene	10.96	10.00	ppbv	110%		60-140		

ENTHALPY ANALYTICAL

Batch QC

Type:	Blank	Lab ID:	QC972144	Batch:	283696
Matrix:	Air	Method:	EPA TO-15	Prep Method:	METHOD

QC972144 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,4-Dioxane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Propylene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Freon 12	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Freon 114	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Chloromethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Vinyl Chloride	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,3-Butadiene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Bromomethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Chloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Trichlorofluoromethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,1-Dichloroethene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Freon 113	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Acetone	ND		ppbv	1.0	02/13/22 17:08	02/13/22 17:08
Carbon Disulfide	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Isopropanol (IPA)	ND		ppbv	1.0	02/13/22 17:08	02/13/22 17:08
Methylene Chloride	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
trans-1,2-Dichloroethene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
MTBE	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
n-Hexane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,1-Dichloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Vinyl Acetate	ND		ppbv	1.0	02/13/22 17:08	02/13/22 17:08
cis-1,2-Dichloroethene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
2-Butanone	ND		ppbv	1.0	02/13/22 17:08	02/13/22 17:08
Ethyl Acetate	ND		ppbv	0.40	02/13/22 17:08	02/13/22 17:08
Chloroform	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,1,1-Trichloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Cyclohexane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Carbon Tetrachloride	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Benzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,2-Dichloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
n-Heptane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Trichloroethene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,2-Dichloropropane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Bromodichloromethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
cis-1,3-Dichloropropene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
4-Methyl-2-Pentanone	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Toluene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
trans-1,3-Dichloropropene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,1,2-Trichloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Tetrachloroethene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
2-Hexanone	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Dibromochloromethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08

ENTHALPY ANALYTICAL

Batch QC

QC972144 Analyte	Result	Qual	Units	RL	Prepared	Analyzed
1,2-Dibromoethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Chlorobenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Ethylbenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
m,p-Xylenes	ND		ppbv	0.40	02/13/22 17:08	02/13/22 17:08
o-Xylene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Styrene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Bromoform	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,1,2,2-Tetrachloroethane	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
4-Ethyltoluene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,3,5-Trimethylbenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,2,4-Trimethylbenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,3-Dichlorobenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,4-Dichlorobenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Benzyl chloride	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,2-Dichlorobenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
1,2,4-Trichlorobenzene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Hexachlorobutadiene	ND		ppbv	0.20	02/13/22 17:08	02/13/22 17:08
Naphthalene	ND		ppbv	0.50	02/13/22 17:08	02/13/22 17:08
Surrogates				**Limits**		
Bromofluorobenzene	111%		%REC	60-140	02/13/22 17:08	02/13/22 17:08

ND Not Detected
b See narrative