Texas Commission on Environmental Quality

Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION					
SITE LOCATION				**REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION**	
Site Name: **Former Cameron Iron Works Facility**				Is This Site Being Managed Under A State Lead Contract? ☐ Yes ☑ No	
Address 1: **1000 Silber Road**				Program Area: **VOLUNTARY CLEANUP PROGRAM**	
Address 2:				Mail Code: **MC-221**	
City: **Houston**		State: **Texas**		Is This A New Site To This Program Area? ☐ Yes ☑ No	
Zip Code: **77055**	County: **Harris**			**VCP No.:**	**221**
TCEQ Region: **Region 12 - Houston**				**--Leave This Field Blank--**	**--Leave This Field Blank--**

DOCUMENT(S) IDENTIFICATION		
	PHASE OF REMEDIATION	**DOCUMENT NAME**
1.	**REMEDIATION**	**RESPONSE ACTION EFFECTIVENESS REPORT (RAER)**
2.		
3.		
4.		
5.		

CONTACT INFORMATION					
RESPONSIBLE PARTY/APPLICANT/CUSTOMER					
Name:	**Dawn Greening, Remediation Manager**				
Company:	**Schlumberger**	Phone Number:	**(318) 393-6480**	Fax Number:	
Address 1:	**121 Industrial Boulevard**	City:	**Sugar Land**	State: **TX**	Zip Code: **77478**
Address 2:		Email Address:	**DGreening@slb.com**		
ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT					
Name:	**John Knott**				
Company:	**CH2M HILL Engineers, Inc.**	Phone Number:	**(409) 781-8015**	Fax Number:	
Address 1:	**7790 Village Drive**	City:	**Beaumont**	State: **TX**	Zip Code: **77713**
Address 2:		Email Address:	**John.Knott@jacobs.com**		

TCEQ INTERNAL USE ONLY			
Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.	**RAER**	4.	
2.		5.	
3.			

2022 Response Action Effectiveness Report

Voluntary Cleanup Program No. 221
Former Cameron Iron Works Facility
1000 Silber Road, Houston, Texas

March 2023

Prepared for:

CAMERON

Prepared by:

CH2M HILL Engineers, Inc.

Cameron International Corporation
121 Industrial Blvd.
Sugar Land, TX 77478
Tel: (318) 393-6480

March 31, 2023

Ms. Vitalie Morrison, Project Manager
Voluntary Cleanup Section
Texas Commission on Environmental Quality
Mail Code 221
12100 Park 35 Circle, Building D
Austin, Texas 78753

Subject: **2022 Response Action Effectiveness Report**
Former Cameron Iron Works Facility
1000 Silber Road, Houston, Texas
Voluntary Cleanup Program (VCP) No. 221
RN101474880; CN600374821

Dear Ms. Morrison,

Cameron International Corporation (Cameron), a Schlumberger Company, is pleased to provide the 2022 Response Action Effectiveness Report for the Former Cameron Iron Works Facility located at 1000 Silber Road in Houston, Harris County, Texas.

This report fulfills the annual progress reporting requirements set forth in the Groundwater Response Action Plan (RAP) dated August 28, 2003, 2018 RAP Addendum approved by the Texas Commission on Environmental Quality on February 7, 2019, and 2022 RAP Addendum dated September 30, 2022. A chronology of corrective actions and groundwater monitoring for January through January 2023 is included, along with maps, data results tables, and a 2023 schedule of events.

Please contact me at (318) 393-6480 with any questions or concerns. I can also be reached by email at DGreening@slb.com.

Sincerely,

Dawn Greening
Remediation Manager on behalf of Cameron

c: Iryna Kushnirsky, VCP Team 2/TCEQ
Nicole Bealle, Regional Director/TCEQ
Matthew Parish, Taunton, Snyder & Slade
Monica Schneider, CH2M HILL Engineers, Inc.
John Knott, CH2M HILL Engineers, Inc.
Chris English, CH2M HILL Engineers, Inc.

2022 Response Action Effectiveness Report

Voluntary Cleanup Program No. 221

Former Cameron Iron Works Facility
1000 Silber Road, Houston, Texas

Prepared for

Cameron International Corporation

March 2023

Prepared by
CH2M HILL Engineers, Inc.

Geoscientist Signature/Seal

The *2022 Response Action Effectiveness Report, Former Cameron Iron Works Facility, Houston, Texas,* dated March 2023, has been prepared under my supervision. I believe the report to be accurate and suitable for the intended purpose.

Bret R. Rahe	2798	November 30, 2023
Professional Geoscientist TBPG Firm No. 50264	Geoscientist License No.	Expiration Date
Signature	3/30/23 Date	
210-403-6326 Telephone No.	210-494-4525 Fax No.	Bret.Rahe@jacobs.com Email

Seals, as applicable:

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Figures

Acronyms and Abbreviations

AAL	attenuation action level
AMP	attenuation monitoring point
Cameron	Cameron International Corporation (a Schlumberger Company)
CH2M	CH2M HILL Engineers, Inc.
COC	chemical of concern
cPCL	critical protective concentration level
1,1-DCA	1,1-dichloroethane
1,2-DCA	1,2-dichloroethane
1,1-DCE	1,1-dichloroethene
cis-1,2-DCE	cis-1,2-dichloroethene
ERM	Environmental Resources Management Group, Inc.
GAC	granular activated carbon
HCFCD	Harris County Flood Control Ditch
I-10	Interstate Highway 10
ISCO	in situ chemical oxidation
mg/L	milligram(s) per liter
MNA	monitored natural attenuation
PCE	tetrachloroethene
PCL	protective concentration level
PCLE	protective concentration level exceedance
PMZ	plume management zone
POE	point of exposure
RAER	Response Action Effectiveness Report
RAP	Response Action Plan
site	Former Cameron Iron Works Facility, 1000 Silber Road, Houston, Texas
TCE	trichloroethene
TCEQ	Texas Commission on Environmental Quality
TTZ	target treatment zone
VC	vinyl chloride
VOC	volatile organic compound

SECTION 1

Introduction

This 2022 Response Action Effectiveness Report (RAER) fulfills the annual progress reporting requirements at the Former Cameron Iron Works Facility (site), for Cameron International Corporation (Cameron; a Schlumberger Company), as set forth in the initial Response Action Plan (RAP) dated August 28, 2003 (Environmental Resources Management Group, Inc. [ERM] 2003). The response action for the site was subsequently modified by the July 2009 RAP Addendum (ERM 2009), and the February 2018 RAP Addendum (CH2M HILL Engineers, Inc. [CH2M] 2018). On June 7, 2022, TCEQ provided comments on the 2021 RAER (CH2M 2022a) dated March 30, 2022, and requested a written response for select comments (TCEQ 2022a). On August 22, 2022, Cameron submitted a response to TCEQ comments on the 2021 RAER (CH2M 2022b). On October 24, 2022, TCEQ provided additional comments, following review of the response to TCEQ comments dated August 22, 2022 (TCEQ 2022b). On January 24, 2023, Cameron submitted a response to TCEQ additional comments (CH2M 2023a).

The 2022 RAP Addendum was submitted to the Texas Commission on Environmental Quality (TCEQ) in September 2022 (CH2M 2022c). TCEQ reviewed the 2022 RAP Addendum and provided comments on December 12, 2022 (TCEQ 2022c). Responses to the comments and revisions to the 2022 RAP Addendum will be submitted under a different cover.

In the 2022 RAP Addendum, Cameron proposed to implement in situ chemical oxidation (ISCO) treatment at target treatment zones (TTZs) to expedite the decline of site chemical of concern (COC) concentrations, reduce chemical mass, and prevent further migration at the leading edge of the groundwater plume (CH2M 2022c). Cameron also proposed to decommission the North Treatment System. As detailed in the 2022 RAP Addendum, the onsite plume is dilute with relatively low COC concentrations, and continued operation of the North Treatment System is not necessary to efficiently contain and treat the low-COC-concentration plume. In addition, implementation of ISCO at the TTZs will directly treat residual source areas and reduce the onsite source COC concentrations and ultimately mass flux, especially the elevated tetrachloroethene (PCE) and trichloroethene (TCE) concentrations at the former burn pit area, so that the cleanup time can be reduced to meet remedial action objectives in a reasonable timeframe. Upon TCEQ approval of the 2022 RAP Addendum, the North Treatment System will be decommissioned.

This RAER addresses TCEQ comments on the 2021 RAER (TCEQ 2022a, 2022b) and the 2022 RAP Addendum (TCEQ 2022c). The RAER requirements that supplement those addressed in the 2003 RAP and the 2009, 2018, and 2022 RAP Addendums are included in this report and are as follows:

- Chronology of activities for the period of January 1 to December 31, 2022
- Tabulation of groundwater elevations
- Groundwater elevation map
- Tabulation of groundwater sampling analytical results
- Maps showing the delineation and concentration of site COCs
- MNA evaluation
- Changes in the monitor well network in 2022
- Updated schedule of events planned for 2023
- Analytical laboratory results data packages

Appendix A includes the checklist for RAER completeness and defines the document in which additional data and information are provided (2003 RAP, 2009 RAP Addendum, 2018 RAP Addendum, 2018 RAP Addendum [Revised], 2022 RAP Addendum, and this report). Table 1-1 summarizes activities that occurred in 2022.

1.1 Site Background

The Former Cameron Iron Works Facility is a historical manufacturing facility located at 1000 Silber Road in Houston, Texas, northeast of the intersection of Silber Road and Interstate Highway 10 (I-10), in Harris County (County Code 713), Houston, Texas 77055 (Figure 1-1). Typical processes conducted at the site included machining metals, degreasing, and lubricating parts. The facility was decommissioned in the 1980s. Since the manufacturing facility was decommissioned, the site location has been redeveloped and is currently used as a commercial area for shopping, dining, and entertainment. Surrounding land use is mixed commercial and residential.

The 2003 RAP (ERM 2003) established an onsite PMZ, in conjunction with operation of a groundwater pump-and-treat system (the North Treatment System) in September 2003. After the approval of the 2009 RAP Addendum (ERM 2009), the South Treatment System was installed to establish hydraulic control of the offsite plume south of I-10. The two treatment systems were shut off in 2016, as approved by TCEQ in 2016, to evaluate the aquifer response compared to model predictions for the PMZ (onsite) and MNA (offsite) remedies.

The South Treatment System and associated extraction wells were decommissioned at the request of the property owner between November 29 and December 3, 2021. Decommissioning of the North Treatment System was proposed in the 2022 RAP addendum (CH2M 2022c).

SECTION 2

Groundwater Quality Assessment

This section describes monitoring network modification and summarizes groundwater and surface water monitoring activities that occurred between December 2022 and January 2023 (referred to as the December 2022 event).

Cameron submitted a City of Houston Facility Permit renewal on November 5, 2022, to maintain access to monitor well locations in City of Houston rights-of-way. The existing monitor wells located within rights-of-way property owned by the Stablewood Home Owners Association (SPOA) (MW-97, MW-98, MW-168) were sampled during the December 2022 event, prior to the expiration of the access agreement with SPOA on December 31, 2022. Several requests have been sent to SPOA to obtain a renewal to the access agreement (formal letters dated May 26, 2022, and March 29, 2023), and additional attempts to obtain a renewal to the access agreement will be made prior to the December 2023 event. In addition, several attempts were made to obtain permission under the SPOA access agreement provisions to perform the predesign investigation and install a replacement well for MW-173:

- Correspondence with SPOA dated December 10, 2021, requesting approval to install replacement well MW-173R, with follow-up correspondence dated January 31, 2022
- Correspondence dated February 10, 2022, to perform the predesign investigation, with follow-up correspondence dated March 7, 2022, regarding replacement well MW-173R and the predesign investigation
- Correspondence dated March 29, 2022, responding to SPOA questions associated with prior requests
- Phone conversation with SPOA representative on April 7, 2022, regarding prior requests
- Formal letters dated May 26, 2022 and September 28, 2022, requesting permission to perform the predesign investigation and install replacement well MW-173R (CH2M 2022c)

Since permission was not obtained after these attempts, replacement well MW-173R and the predesign investigation planned within the leading-edge downgradient plume on SPOA properties were not completed in 2022. Cameron will continue to pursue permission for these activities as we attempt to also obtain a renewal to the access agreement with SPOA. In addition, Cameron plans to provide TCEQ with additional documentation related to access agreement renewal requests and requests for permission to install additional borings/replacement well within the SPOA property as part of the response to comment letter and revised 2022 RAP Addendum under a separate cover.

2.1 Monitoring Network Modification and 2022 Activities

The annual December 2022 event was performed in general accordance with the well network as described in the 2018 RAP Addendum (CH2M 2018) and approved (with comments) by TCEQ on February 7, 2019 (TCEQ 2019),email correspondence on June 4, 2020 (TCEQ 2020), and the 2022 RAP Addendum (CH2M 2022c). Additions and deviations to monitoring the current well network during the December 2022 event are as follows:

- MW-180 was covered by stabilized rock during a construction project in 2019 and was not able to be sampled in 2019 and 2020. The well was located but not sampled in 2021 because TCEQ had approved removing this well from the monitoring network (TCEQ 2021). MW-180 was uncovered and sampled as part of the 2022 groundwater sampling event, and is being added back to the monitor well network in the 2022 RAP Addendum (CH2M 2022c).

- MW-145 was not sampled due to lack of groundwater recovery using both HydraSleeve and low-flow sampling methods.
- MW-77 could not be located by the field staff during the sampling event in December due to being covered by landscaping. However, the well was subsequently located and sampled in January 2023.

Table 2-1 lists the monitor wells and surface water locations sampled in December 2022 and describes issues encountered, if any, during the sampling event. Figure 2-1 shows the monitor well and surface water sampling locations and designations in the current monitoring network. In response to previous comments provided by TCEQ and as required by the Texas Risk Reduction Program, notifications were sent to property owners with property overlying the protective concentration level exceedance (PCLE) zone that had not previously received notification (TCEQ 2022a; CH2M 2022b; TCEQ 2022b; CH2M 2023a). Appendix B includes a tabulated list of the additional property owners that received notification letters in March 2023 since those properties currently overlay the PCLE zone based on the December 2022 event results. Appendix C provides groundwater analytical laboratory reports and a data usability summary for the 2022 annual sampling event.

2.2 Groundwater Elevations and Groundwater Flow Directions

Figure 2-2 shows the potentiometric surface map for the annual 2022 sampling event performed in December 2022. As illustrated by the potentiometric surface map, the direction of groundwater flow was toward the south and southeast, consistent with historical flow patterns. Groundwater in the southwest portion of the site, near well MW-92, flows to the southwest toward the Harris County Flood Control Ditch (HCFCD). Table 2-2 provides the gauging data collected during the annual event.

The shallow groundwater-bearing zone intersects the HCFCD south of MW-89 and west of MW-106. Also, the groundwater elevations at MW-89 and MW-106 were higher than the base of the HCFCD. The observations continue to suggest that groundwater may discharge to the HCFCD in this area of the site (the HCFCD is a gaining stream), and the HCFCD likely acts as a groundwater flow boundary. Based on this, the groundwater PCLE zone at MW-89 is separated based on the alignment of the HCFCD.

2.3 Groundwater and Surface Water Sampling Events

2.3.1 Methods

Monitor wells were sampled during the 2022 event using HydraSleeve samplers, and field indicator and groundwater quality parameters (pH, temperature, specific conductance, and turbidity) were measured. Once HydraSleeves were deployed in monitor wells, they were allowed to re-equilibrate for 24 hours prior to sampling. Monitor wells where HydraSleeves failed to recover groundwater during retrieval were sampled using low-flow purging methods (MW-145 and MW-163). In January 2023, monitor wells were sampled using only low-flow purge methods (MW-77 and MW-180). Grab samples were collected at surface water sample locations along the HCFCD.

Groundwater and surface water samples were collected in laboratory-supplied, preserved containers and were immediately placed on ice. Samples were dropped off following standard chain-of-custody protocol and were analyzed by Eurofins Houston, in Stafford, Texas. The samples were analyzed for a site-specific list of seven volatile organic compounds (VOCs) by U.S. Environmental Protection Agency Method 8260D. The site-specific VOCs are as follows:

- 1,1-Dichloroethane (1,1-DCA)
- 1,2-Dichloroethane (1,2-DCA)
- 1,1-Dichloroethene (1,1-DCE)
- cis-1,2-Dichloroethene (cis-1,2-DCE)
- PCE
- TCE
- Vinyl chloride (VC)

Appropriate quality assurance and quality control samples were collected based on the following protocols:

- Field duplicate samples at 10 percent
- Matrix spike and matrix spike duplicate samples at 5 percent
- One equipment blank per event
- One trip blank in every cooler containing VOC samples

Appendix C contains complete laboratory analytical reports and a data usability summary for the December 2022 sampling event.

2.3.2 Results

Monitor well inspections were completed at the time of annual sampling. The monitor wells sampled in December 2022 appear to be functioning properly.

Table 2-3 presents the available indicator field parameters for wells sampled during the annual event. The values in this table represent the field readings recorded immediately following sample collection (HydraSleeve), and final field readings after stabilization criteria were met (low-flow). The field parameters indicate aerobic conditions as evidenced by the dissolved oxygen (minimum value of 0.99 milligram per liter [mg/L] with average of 5.05 mg/L) and oxidation-reduction potential values (minimum value of 20.39 millivolts with average of 155 millivolts). The pH of the groundwater is neutral with an average of 6.42 and values ranging from 5.96 to 6.93.

Tables 2-4 through 2-6 summarize the analytical data results from the December 2022 sampling event. Detected COC concentrations are compared to their respective critical protective concentration levels (cPCLs) or established attenuation action levels (AALs), as applicable for each location. Revised AALs for site COCs were submitted as a part of the 2022 RAP Addendum (CH2M 2022c). The revised AALs will be integrated into the next annual report once approved by TCEQ.

The results from the December 2022 annual monitoring event were also compared against the cPCLs for each of the site-specific VOCs to illustrate the extent of each COC in groundwater. Figures 2-3 through 2-6 present concentration maps for COCs exceeding cPCLs, including 1,1-DCE, PCE, TCE, and VC, respectively. Maps were not prepared for 1,1-DCA, 1,2-DCA, and cis-1,2-DCE because detected concentrations of these compounds did not exceed their respective cPCLs during the December 2022 sampling event. 1,1-DCA concentrations have remained less than the cPCL during 2022 and the past 19 years prior.

COC concentrations over time in the onsite and offsite portion of the PCLE zone have remained relatively stable, except for increasing concentrations at several locations along the southeast leading plume edge as discussed in detail in Section 4.1. The extent of the groundwater PCLE zone between 2021 and 2022 appears to be similar based on available existing well data. The current PCLE zone (Figure 2-7) was defined using groundwater data collected during the December 2022 annual sampling event and the predesign investigation completed during the first half of 2022 (Section 3) to refine the PCLE zone extent at locations with uncertainty. In accordance with TCEQ comments in a letter dated June 7, 2022 (TCEQ 2022a), the current PCLE zone did not consider historical monitor wells plugged and abandoned in 2017. Figure 2-8 illustrates the PCLE zones from 2019 through 2022. Appendix D includes plots of COC concentrations over time for all existing monitor wells. Appendix E provides the historical data used to create the plots.

Surface water grab samples collected from the HCFCD during the annual event indicated that there are no exceedances of surface water cPCLs. Table 2-6 presents the surface water analytical data.

SECTION 3

Groundwater Response Actions

This section summarizes activities pertaining to the groundwater response actions as described in the RAP (ERM 2003), RAP Addendum (ERM 2009), and revised RAP Addendum documents (CH2M 2018, 2020, 2022c):

- Groundwater at the site was treated through a recovery and treatment system, referred to as the North Treatment System. The system includes six extraction wells that captured water from the southern property boundary. The water was pumped through two granular activated carbon (GAC) vessels. Effluent from the GAC vessels was then injected into nine injection wells located along the northern property boundary.
  - The North Treatment System started operation on September 16, 2003, and was shut down on November 15, 2016, as part of remedy optimization.
  - ISCO treatment will replace the North Treatment System as the selected response action. In the 2022 RAP Addendum (CH2M 2022c), Cameron requested the inactive North Treatment System, including associated extraction wells, piezometers, injection wells, and treatment vessels, be decommissioned and permanently removed from the site after TCEQ approval is received.
- A second recovery and treatment system, referred to as the South Treatment System, consisted of five extraction wells that captured affected groundwater, which was then discharged to a City of Houston Publicly Owned Treatment Works collection system under City of Houston Industrial Waste Permit Number 10799 (City of Houston 2018, 2020).
  - The South Treatment System started operation in 2009 and was shut down on November 15, 2016, as part of remedy optimization. TCEQ approved decommissioning of the South Treatment System on August 31, 2021 (TCEQ 2021).
  - The South Treatment System (including extraction wells, piezometers, pumps, and conveyance lines) was decommissioned, plugged and abandoned, and removed from the site between November 29 and December 3, 2021.
  - Cameron abandoned monitor well MW-173 as part of the South Treatment System decommissioning. City of Houston Industrial Waste Permit Number 10799 was closed in March 2022. Replacement monitor well MW-173R was planned to be installed during the predesign investigation and will be installed upon property owner permission and now access agreement renewal (refer to Section 2 on access and permission attempts and status).
- To comply with the requirements in the *Amendment and Registration of Class V Aquifer Remediation Injection Wells* letter from the TCEQ Underground Injection Control and Remediation Division, dated April 11, 2011 (TCEQ 2011), a Class V Aquifer Remediation Injection Well Report was submitted on December 5, 2022 (CH2M 2022d). The report provided notification that there were no injection-related activities associated with onsite groundwater treatment between October 1, 2021, and September 30, 2022.
- Cameron performed a predesign investigation during the first half of 2022 to further define plume extent and collect data for additional response action (injection) planning.
  - The investigation included the installation of two new attenuation monitoring point (AMP) wells (MW-181 and MW-182), and the installation of 37 temporary direct-push technology borings to collect grab groundwater samples.

  - The results of the predesign investigation and groundwater modeling were submitted to TCEQ on June 17, 2022 (CH2M 2022h). TCEQ provided comments in a letter dated July 5, 2022 (TCEQ 2022e). The predesign investigation results were also included in the 2022 RAP Addendum (CH2M 2022c) submittal, including responses to the TCEQ comments dated July 5, 2022.

- Cameron submitted an *Amendment of Class V Authorization and Registration of Class V Injection Wells* letter to TCEQ on September 30, 2022 (CH2M 2022e), for approval to perform additional response actions, including installation of 14 new Phase 1 injection wells and injection into the Phase 1 injection wells.
  - TCEQ provided comments in a letter dated October 28, 2022 (TCEQ 2022d), and additional verbal comments in November and December 2022. Cameron submitted responses to comments to TCEQ in letters dated November 14, 2022 (CH2M 2022f), and December 16, 2022 (CH2M 2022g). TCEQ approved the authorization in a letter dated December 27, 2022.
  - The Phase 1 ISCO injection was originally scheduled to occur in February 2023. However, the provider of the injectate (Carus) declared a force majeure due to a fire at their production facility on January 11, 2023 and currently anticipates being able to fulfill orders for potassium and sodium permanganate products (for example, RemOx S and RemOx L) no earlier than June 2023. So, the Phase 1 injection is expected to start late June or early July 2023. On March 27, 2023, Cameron submitted an email correspondence to TCEQ notifying the delay of Phase 1 injection and the following backup plans (CH2M 2023b).
  - As a backup plan, if we confirm with Carus that RemOx S still will not be available for an extended period by end of May 2023, we may request TCEQ approval of using generic potassium permanganate to complete Phase 1 injection. We have contacted Carus and a secondary supplier, Hepure, regarding the availability of generic potassium permanganate. Both vendors offer a generic potassium permanganate product imported from overseas, and both products may be available in May 2023. Based on an initial evaluation, both generic potassium permanganate products contain greater than 97.5 percent of potassium permanganate. However, compared to RemOx S, the imported chemicals may contain slightly higher concentrations of trace metals. We will request that both vendors provide laboratory analysis with respect to metals so that the final product can be fully evaluated. The analytical results would be used to evaluate the metal concentrations at the anticipated mixing ratio for the injectate solution, compared against protective concentration levels in groundwater within the target treatment zone. Should the results confirm the products are suitable for groundwater remediation, we will send an email to the UIC section in June 2023, requesting approval to use the generic potassium permanganate products by one or both vendors as an alternative to the previously approved substrate (RemOx S). In this manner the Phase 1 ISCO injections may be able to proceed without further delay.
  - As a secondary backup plan and a contingency to address the uncertain availability of RemOx S, unacceptable quality of the generic potassium permanganate products, and/or to avoid indefinite delays, an alternative injection plan using sodium persulfate ISCO technology may be proposed by end of June 2023. This plan would involve submittal of a subsequent RAP addendum to TCEQ as a means of adding sodium persulfate as an optional oxidant (in addition to permanganate-based products) for remediating groundwater. To streamline the process and avoid further delays, this would be conveyed in a letter in lieu of the full RAP form given the similarity to the existing approach for ISCO at this site. A request to amend the UIC authorization to install Phase 2 ISCO injection wells and to use sodium persulfate with vendor-patented activator reagents containing chelated iron and trace levels of salts for both Phase 1 and Phase 2 injections would also be submitted to the UIC section of TCEQ for approval in advance

(anticipated June 2023). This secondary backup plan would allow the use of either permanganate or persulfate-based ISCO technology to remediate groundwater pending availability and treatment efficiency.

- Routine water levels and groundwater samples were collected from the monitor well network to demonstrate plume stability and declining trends.

SECTION 4

Monitored Natural Attenuation Evaluation

This section presents an evaluation of MNA effectiveness using the following:

- Evaluation of historical COC concentrations over time for existing monitor wells
- A figure showing the groundwater PCLE zone extent for the 3 most recent years
- Evaluation of geochemical parameters in existing monitor wells

The following subsections summarize evaluation results.

4.1 COC Concentrations over Time and Comparison of Historical PCLE Zones

As discussed in Section 2.3.2 and presented on the plots of historical COC concentrations over time (Appendix D), the onsite and offsite portions of the PCLE zone have remained relatively stable or decreased based on available historical data from 1991 to date. However, increasing concentrations are observed at some well locations and along the southeast leading edge of the plume.

Geochemical parameters collected during annual groundwater sampling indicate that groundwater within the plume is aerobic and limited reductive dechlorination of 1,1-DCE to VC and of PCE and TCE to cis-1,2-DCE appears to be occurring. cis-1,2-DCE is detected but at concentrations less than the cPCL. The localized distribution and lower concentrations of 1,2-DCA and VC indicate that minimal biodegradation of parent COCs is occurring. For an aerobic plume, the primary mechanisms for natural attenuation of chlorinated solvents are a combination of dilution, adsorption, and advection. In some cases, abiotic degradation may also contribute to the attenuation of chlorinated solvents under aerobic conditions.

Since the North and South Treatment Systems were shut down in November 2016, groundwater data show that the once contiguous onsite and offsite plumes have "separated." Based on available existing monitor well sampling data and 2022 predesign data, the plume onsite and north of the HCFCD appears to be shrinking, and the extent of the offsite plume west of the HCFCD has reduced significantly.

To address comments received from TCEQ in a letter dated October 24, 2022 (TCEQ 2022b), regarding the factoring of historical data from previously abandoned monitor wells into interpretations of the PCLE zone, Cameron completed additional characterization as part of a predesign investigation during the first half of 2022. Results from the predesign investigation were included in the 2022 RAP Addendum (CH2M 2022c) and were used in conjunction with the December 2022 sampling results to update the extent of the northern and western PCLE zones and part of the southern PCLE zone (Figure 2-7). Incorporating the annual groundwater sampling data and predesign grab groundwater data for the northern and southern portions of the PCLE zones, a small portion of the northern onsite PCLE zone increased in area in 2022 based on grab groundwater samples collected between MW-182 and MW-165. However, the overall plume area appears smaller compared to 2021.

One or more COC concentrations are observed to be increasing, primarily at the southeast leading edge of the plume (monitor wells MW-161, MW-163, MW-168, MW-93R, and MW-97) and at a small portion of the northern plume (monitor well MW-113) and western plume (monitor wells MW-89 and MW-122).

The extent of the groundwater PCLE zone in each of the previous 3 years (2019 through 2021) is similar to the 2022 PCLE zone (Figure 2-8).

4.2 MNA Evaluation

The COC concentrations in a large portion of the offsite PCLE zone have remained relatively stable. This is supported by observations based on plots of site COC concentrations over time (Appendix D) indicating either a general overall decline or stable concentrations. The northern plume, western plume, and north portion of the southern plume (MW-146 and MW-76) continue to see a general overall decline of COC concentrations. Concentrations in the southern portion of the northern plume around MW-113 continue to generally increase compared to previous years. Concentrations along the southeast edge of the southern plume continued to generally increase compared to previous years at MW-93R, MW-97, and MW-168. The extents of the groundwater PCLE zone in 2019 through 2022 are provided in Figure 2-8. The slightly larger extent of the PCLE zone interpreted in 2022 compared to prior years was primarily the result of the additional groundwater samples collected during the predesign investigation in the northern portion of the plume within the Former Cameron Iron Works Facility. Results were used to refine the extent of the PCLE zone for 2022, but do not necessarily reflect an expanding plume in most areas. Isolated occurrences where concentrations over time suggest a slight expansion include the southernmost plume boundary east of the HCFCD.

As shown in Table 2-3, dissolved oxygen ranged from 0.99 to 7.7 mg/L, and oxidation-reduction potential ranged from 20.4 to 228 millivolts in monitor wells in December 2022. The field parameters continue to indicate that the groundwater within the plume is aerobic. The primary mechanisms for natural attenuation for the COCs under aerobic conditions are a combination of dilution, adsorption, and advection. Some degree of abiotic degradation may also be occurring.

The MNA evaluation indicates that natural attenuation is occurring at the site to some degree. Cameron proposed additional groundwater response actions in the 2022 RAP Addendum, to mitigate plume migration and decrease COC concentrations at strategic locations that have significantly increasing concentration trends.

SECTION 5

Waste Management

Investigation-derived groundwater and decontamination water generated from groundwater sampling events were containerized in two 55-gallon steel drums. The waste was characterized using the sampling analytical results and determined to be non-hazardous. The drums were transported by Clean Harbors Environmental Services, Inc. for offsite disposal at the Clean Harbors LaPorte facility on February 1, 2023 (Appendix F).

SECTION 6

Schedule

Table 6-1 provides a projected schedule of site activities in 2023. Table 6-2 lists monitor well and surface water locations to be sampled in 2023. Field activities located on private property are contingent upon property owner access and consent. Cameron will submit a City of Houston Facility Permit renewal application in 2023 for access to monitor wells in City of Houston rights-of-way.

SECTION 7

Conclusions and Recommendations

Based on a review of the 2022 data, the conclusions and recommendations are as follows:

- The groundwater and surface water sampling performed in 2022 and 2023 (January) is consistent with that outlined in the 2018 RAP Addendum (CH2M 2018) and TCEQ correspondence (TCEQ 2019, 2020), and slightly adjusted per the 2022 RAP Addendum (CH2M 2022c). The designation of MW-180 was changed to a POE well, and the well was added back to the monitoring network in the 2022 RAP Addendum (CH2M 2022c).
- Groundwater flow direction was documented to be toward the south/southeast in 2022, consistent with historical flow patterns. Groundwater in the southwest portion of the site, near well MW-92, flows to the southwest toward the HCFCD.
- Several COCs (1,1-DCE, TCE, PCE, and VC) were detected in groundwater samples at concentrations exceeding their applicable cPCLs from wells at the site and downgradient of the site during 2022.
- No COCs were detected in groundwater samples at concentrations exceeding their applicable AALs from AMP wells at the site during 2022.
- 1,1-DCA concentrations reported in groundwater were less than the cPCL during 2022 and the 19 years prior.
- 1,2-DCA concentrations reported in groundwater have been less than the cPCL since 2018 with one exception (marginally exceeded in 2020 at POE well MW-89 at a concentration of 0.00549 mg/L compared to PCL of 0.005 mg/L).
- The PCLE zone has been defined to the east (MW-178, MW-146, MW-160, and MW-162), west (MW-01, MW-71, and MW-121), southwest (MW-92 and MW-106), and southeast (MW-98, MW-179, and MW-180).
- The results of the MNA evaluation using COC concentrations over time and PCLE zone versus time comparison analyses demonstrate some degree of success of MNA at the site. The COC concentrations in a large portion of the offsite PCLE zone have remained relatively stable. This is supported by the concentration versus time graphs (Appendix D) indicating either a relatively decreasing or relatively stable concentration. The observations also suggest migration of the southern leading edge of the plume based on increasing concentrations. Increasing concentrations are observed primarily at the southeast leading edge of the plume (MW-161, MW-168, MW-97, and MW-93R) and a small portion of the northern plume (MW-113) and western plume (MW-122).
- Cameron submitted a 2022 RAP Addendum on September 30, 2022, that includes groundwater modeling and predesign investigation results. In the RAP Addendum, Cameron proposed implementing an ISCO remedy in select portions of the plume to supplement MNA and expedite plume cleanup, reduce COC concentrations at strategic locations with increasing concentration trends, and mitigate further downgradient plume migration. These strategic locations include the downgradient leading plume edge within the Stablewood subdivision. Access to that area has not yet been received from the property owners in that area. Due to expiration of access agreement with SPOA on December 31, 2022, access to monitor wells MW-97, MW-98, MW-168, and MW-173R and proposed 11 soil borings within southern leading edge plume is currently not granted. Several requests have been sent to the SPOA to obtain a renewal to the access agreement (formal letters dated May 26, 2022, March 29, 2023). In addition, several attempts were made to obtain permission under the SPOA access agreement provisions to perform the predesign investigation and install a

replacement well for MW-173 (correspondence dated December 10, 2021, January 31, 2022, February 10, 2022, March 7, 2022, March 29, 2022, and April 7, 2022, and formal letters on May 26, 2022 and September 28, 2022 [CH2M 2022c]). SPOA has not responded to the requests. In addition, Cameron plans to provide TCEQ with additional documentation related to access agreement renewal requests and requests for permission to install additional borings/replacement well within the SPOA property as part of the response to comment letter and revised 2022 RAP Addendum under a separate cover. Monitor well MW-173R will be installed to replace MW-173, predesign investigation sampling, and annual monitor well sampling (MW-97, MW-98, and MW-168) will be completed once access is granted.

- Due to shortage and availability of potassium permanganate (RemOx S from Carus), ISCO injections are planned for June/July 2023 when RemOx product is anticipated to be available. Cameron submitted a notification to TCEQ that they may request UIC approval of generic potassium permanganate products as a backup plan to using RemOx S if RemOx S will still not be available for an extended period after May 2023 and indicated a secondary backup plan of using persulfate based ISCO technology may be proposed in June 2023 if needed, pending market availability in 2023, to avoid further ISCO injection delays.
- A change in the RAER submittal date is recommended, beginning with the 2023 RAER that is currently due on March 31, 2024. To provide adequate time for data validation, evaluation and report preparation following each annual event in December, a submittal date of April 30 is recommended for the 2023 RAER and subsequent RAERs.

SECTION 8

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Tables

Table 1-1. 2022 Chronology of Events

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Date of Action	Event	Description of the Activities
March 2022	TCEQ Submittal	2021 RAER Voluntary Cleanup Program No. 221, dated March 30, 2022, documenting the results of the 2021 annual sampling event.
May 2022	Predesign Investigation	Began onsite and offsite predesign Investigation soil borings and groundwater grab sample collection.
June 2022	Predesign Investigation	Completed onsite and offsite predesign Investigation soil borings and groundwater grab sample collection.
	TCEQ Submittal	2022 Pre-Design Investigation Data Submittal and Request for Response Action Plan Addendum Extension, dated June 17.
	TCEQ Comments on 2021 RAER	TCEQ provided comments on 2021 RAER in a letter dated June 7, 2022, which requested a written response for each comment.
July 2022	TCEQ Comments	TCEQ Comments on 2022 Pre-Design Investigation Data Submittal and Approval for Response Action Plan Addendum Extension received on July 5, 2022
August 2022	TCEQ Submittal	Response to TCEQ Comments on 2021 Response Action Effectiveness Report submitted to the TCEQ on August 22, 2022
September 2022	TCEQ Submittal	Submitted Response to Comments on the 2021 RAER, dated June 7, July 5, and September 30, 2022.
	TCEQ Submittal	Amendment of Authorization and Registration of Class V Injection Wells, submitted to TCEQ on September 30, 2022.
	TCEQ Submittal	2022 Response Action Plan Addendum, dated September 30, 2022, submitted to TCEQ.
October 2022	TCEQ Comments	TCEQ provided comments on Amendment of Authorization and Registration of Class V Injection Wells, in a letter dated October 28, 2022.
	TCEQ Comments on 2021 RAER	TCEQ provided comments on 2021 RAER in a letter dated October 24, 2022, which requested a written response for each comment.
November 2022	COH Submittal	Renewal of COH Facility Permits, in renewal application to COH dated November 5, 2022.
	TCEQ Submittal	Response to Comments Letter - Amendment of Authorization and Registration of Class V Injections Wells, submitted to TCEQ on November 11, 2022 and November 14, 2022.
December 2022	Groundwater Sampling	Annual 2022 groundwater sampling event occurred from December 12 to 19, 2022, and January 3, 2023.
	TCEQ Comments	TCEQ provided additional comments on Amendment of Authorization and Registration of Class V Injection Wells, via phone call on December 2, 2022.
	TCEQ Comments	TCEQ provided additional comments on Amendment of Authorization and Registration of Class V Injection Wells, in a letter dated December 12, 2022.
	TCEQ Submittal	Final Response to Comments Letter - Amendment of Authorization and Registration of Class V Injections Wells, dated December 16, 2022, submitted to TCEQ.
	TCEQ Submittal	Class V Aquifer Remediation Injection Well report, dated December 5, 2022, documenting the period between October 1, 2021, through September 30, 2022, submitted to TCEQ.
	TCEQ Submittal	TCEQ provided approval of Amendment of Authorization and Registration of Class V Injections Wells, on December 27, 2022.

Notes:

COH = City of Houston

O&M = Operations and Maintenance

RAER = Response Action Effectiveness Report

TCEQ = Texas Commission on Environmental Quality

Table 2-1. Well Sampling List, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Well Number	Well Designations	Sampled	Comments
Monitor Wells			
MW-01	POE Well	X	Revised RAP Addendum 09/30/2022
MW-15R	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-16R	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-17R	POE Well	X	Revised RAP Addendum 09/30/2022
MW-50R	AMP Well	X	Revised RAP Addendum 09/30/2022
MW-65	POE Well	X	Designated as a POE well per TCEQ comment letter dated June 7, 2022
MW-70	POE Well	X	Revised RAP Addendum 09/30/2022
MW-71	POE Well	X	Revised RAP Addendum 09/30/2022
MW-74	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-76	POE Well	X	Revised RAP Addendum 09/30/2022
MW-77	POE Well	X	Revised RAP Addendum 09/30/2022
MW-83	POE Well	X	Revised RAP Addendum 09/30/2022
MW-88	POE Well	X	Revised RAP Addendum 09/30/2022
MW-89	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-90	POE Well	X	Revised RAP Addendum 09/30/2022
MW-92	POE Well	X	Revised RAP Addendum 09/30/2022
MW-93R	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-97	POE Well	X	Revised RAP Addendum 09/30/2022
MW-98	POE Well	X	Revised RAP Addendum 09/30/2022
MW-100	POE Well	X	Revised RAP Addendum 09/30/2022
MW-106	POE Well	X	Revised RAP Addendum 09/30/2022
MW-108	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-109	POE Well	X	Revised RAP Addendum 09/30/2022
MW-110	POE Well	X	Revised RAP Addendum 09/30/2022
MW-111	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-112	POE Well	X	Revised RAP Addendum 09/30/2022
MW-113	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-121	POE Well	X	Revised RAP Addendum 09/30/2022
MW-122	POE Well	X	Revised RAP Addendum 09/30/2022
MW-145	POE Well		Revised RAP Addendum 09/30/2022 MW-145 not sampled in 2022 due to no groundwater recovery.
MW-146	POE Well	X	Revised RAP Addendum 09/30/2022
MW-147	POE Well	X	Revised RAP Addendum 09/30/2022
MW-160	POE Well	X	Revised RAP Addendum 09/30/2022
MW-161	POE Well	X	ISCO and MNA will be used to reduce COC concentrations per TCEQ comment letter dated June 7, 2022
MW-162	POE Well	X	Revised RAP Addendum 09/30/2022
MW-163	POE Well	X	Revised RAP Addendum 09/30/2022
MW-168	POE Well	X	Revised RAP Addendum 09/30/2022
MW-173	Abandoned		Well abandoned November 29, 2021
MW-173R	POE Well		Replacement monitor well for MW-173 is not installed yet pending access to property
MW-178	POE Well	X	Revised RAP Addendum 09/30/2022
MW-179	POE Well	X	Revised RAP Addendum 09/30/2022
MW-180	POE Well	X	Designated as a monitoring well for tracking plume migration per TCEQ comment letter dated July 7, 2022
MW-181	AMP Well	X	Revised RAP Addendum 09/30/2022
MW-182	AMP Well	X	Revised RAP Addendum 09/30/2022

Table 2-1. Well Sampling List, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Well Number	Well Designations	Sampled	Comments
Surface Water Locations			
SWD-12	HCFCD	X	Revised RAP Addendum 09/30/2022
SWD-14	HCFCD	X	Revised RAP Addendum 09/30/2022
SWD-15	HCFCD	X	Revised RAP Addendum 09/30/2022
SWD-17	HCFCD	X	Revised RAP Addendum 09/30/2022
SWD-18	HCFCD	X	Revised RAP Addendum 09/30/2022
SWD-20	HCFCD	X	Revised RAP Addendum 09/30/2022

Notes:

AMP = attenuation monitoring point

COC = chemical of concern

HCFCD = Harris County Flood Control Ditch

ISCO = in situ chemical oxidation

MNA = monitored natural attenuation

MW = monitor well

POE = point of exposure

R = replacement well

RAP = response action plan

SWD = surface water sampling location

TCEQ = Texas Commission on Environmental Quality

Table 2-2. Monitor Well Groundwater Elevations, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Well ID	Date Installed	Casing Diameter (inches)	Constructed Total Depth (feet btoc)	Top of Screen Depth (feet btoc)	Top of Casing Elevation[a] (feet amsl)	Date Measured	Measured Depth to Water (feet btoc)	Groundwater Elevation (feet amsl)
MW-01	8/9/1991	2	28.58	18.58	65.78	12/12/2022	17.72	48.06
MW-15R	9/2/2003	2	39.00	27.00	65.23	12/12/2022	19.76	45.47
MW-16R	9/2/2003	2	32.00	20.00	64.23	12/12/2022	19.09	45.14
MW-17R	9/3/2003	2	32.00	20.00	65.44	12/12/2022	21.59	43.85
MW-50R	2/7/2010	2	32.00	--	66.93	12/12/2022	17.92	49.01
MW-65	--	2	32.00	--	65.17	12/12/2022	18.91	46.26
MW-70	2/2/2001	2	32.00	--	65.08	12/12/2022	19.96	45.12
MW-71	2/2/2001	2	32.00	--	63.45	12/12/2022	19.71	43.74
MW-74	6/4/2001	2	34.00	22.00	63.50	12/12/2022	20.98	42.52
MW-76	2/5/2001	2	32.00	--	62.64	12/12/2022	22.48	40.16
MW-77	5/30/2001	2	37.00	25.00	63.50	1/3/2023	20.22	43.28
MW-83	5/29/2001	2	37.00	25.00	61.52	12/13/2022	24.57	36.95
MW-88	5/22/2001	2	45.00	33.00	62.48	12/13/2022	28.58	33.90
MW-89	5/31/2001	2	44.00	32.00	62.18	12/13/2022	30.92	31.26
MW-90	5/23/2001	2	42.00	30.00	62.50	12/13/2022	29.85	32.65
MW-92	5/24/2001	2	50.00	38.00	63.32	12/13/2022	35.14	28.18
MW-93R	4/12/2017	2	42.00	32.00	59.99	12/13/2022	31.54	28.45
MW-97	2/4/2002	2	45.00	33.00	60.71	12/12/2022	30.36	30.35
MW-98	2/6/2002	2	43.00	31.00	60.43	12/12/2022	33.78	26.65
MW-100	6/13/2002	2	37.60	--	65.07	12/12/2022	21.29	43.78
MW-106	11/11/2001	2	50.00	--	59.42	12/12/2022	34.98	24.44
MW-108	--	2	33.50	--	64.47	12/12/2022	17.84	46.63
MW-109	--	2	33.50	--	65.47	12/12/2022	19.06	46.41
MW-110	--	2	33.50	--	64.92	12/12/2022	18.81	46.11
MW-111	--	2	32.50	--	64.40	12/12/2022	18.77	45.63
MW-112	--	2	33.00	--	65.94	12/12/2022	20.52	45.42
MW-113	--	2	33.50	--	64.20	12/12/2022	18.90	45.30
MW-121	6/11/2003	2	34.50	--	63.29	12/12/2022	23.51	39.78
MW-122	6/10/2003	2	34.00	--	62.78	12/13/2022	24.04	38.74
MW-145	5/18/2007	1	27.55	17.55	62.04	12/12/2022	22.69	39.35
MW-146	5/18/2007	1	35.00	25.00	61.74	12/13/2022	23.56	38.18
MW-147	5/16/2007	1	38.00	28.00	61.22	12/13/2022	23.91	37.31
MW-160	8/22/2007	1	32.75	22.75	60.85	12/13/2022	25.80	35.05
MW-161	8/22/2007	1	36.02	26.02	59.03	12/13/2022	25.91	33.12
MW-162	8/22/2007	1	37.50	27.50	59.13	12/13/2022	25.13	34.00
MW-163	8/22/2007	1	33.25	23.25	61.74	12/13/2022	24.50	37.24
MW-168	12/27/2007	1	40.00	30.00	60.44	12/12/2022	28.52	31.92
MW-178	4/12/2017	2	45.00	35.00	64.34	12/12/2022	25.89	38.45
MW-179	11/27/2017	2	44.39	34.00	60.95	12/13/2022	34.26	26.69
MW-180	11/28/2018	2	40.00	30.00	46.64	1/3/2023	25.70	20.94
MW-181[b]	11/28/2022	2	40.00	30.00	--	12/12/2022	16.96	--
MW-182[b]	11/28/2022	2	40.00	30.00	--	12/12/2022	18.06	--

Notes:

[a] Monitor well top of casing elevations were resurveyed March 27 to April 16, 2018.

[b] Monitor wells installed in 2022 have not been surveyed.

-- = information not available

amsl = above mean sea level

btoc = below top of casing

ID = identification

MW = monitor well

R = replacement well

Table 2-3. Indicator Field Parameters, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Well ID	Date Measured	pH (SU)	Temperature (°C)	Specific Conductance (mS/cm)	Oxidation-Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
Annual Event							
MW-01	12/14/2022	5.99	24.9	0.642	187.8	3.98	8.73
MW-15R	12/14/2022	6.40	21.9	0.522	190.8	3.82	30.7
MW-16R	12/15/2022	6.43	21.9	0.881	228.3	5.88	41.1
MW-17R	12/14/2022	6.64	20.5	0.553	182.2	4.74	378
MW-50R	12/14/2022	6.11	21.0	0.649	86.0	5.83	312
MW-65	12/14/2022	6.53	22.3	0.848	150.5	3.74	9.84
MW-70	12/14/2022	6.33	22.7	0.737	25.5	4.46	32.8
MW-71	12/16/2022	6.44	21.2	0.706	164.5	5.02	9.87
MW-74	12/14/2022	NM	NM	NM	NM	NM	NM
MW-76	12/16/2022	6.35	20.7	0.932	206.7	5.19	7.49
MW-77	1/3/2023	6.80	23.4	0.669	169.3	3.81	3.66
MW-83	12/15/2022	6.54	22.3	1.177	211.1	5.51	12.2
MW-88	12/15/2022	6.40	19.2	1.692	124.3	5.22	37.5
MW-89	12/15/2022	6.73	21.9	1.180	139.6	5.94	27.7
MW-90	12/15/2022	6.38	20.6	1.672	134.2	5.45	3.11
MW-92	12/15/2022	6.66	18.7	0.915	95.7	8.24	33.7
MW-93R	12/16/2022	6.21	17.6	1.788	197.5	5.61	10.0
MW-97	12/15/2022	6.68	27.1	1.425	95.7	3.29	11.3
MW-98	12/15/2022	6.32	20.5	2.080	138.9	5.96	8.37
MW-100	12/14/2022	6.15	21.6	1.004	212.3	4.33	20.3
MW-106	12/15/2022	6.11	16.9	0.284	24.7	5.48	16.20
MW-108	12/14/2022	5.97	24.2	0.463	153.0	4.62	38.0
MW-109	12/14/2022	6.23	25.3	1.162	171.7	4.59	7.18
MW-110	12/14/2022	6.32	24.4	0.679	177.2	4.52	10.8
MW-111	12/14/2022	6.65	25.1	0.611	177.6	4.72	8.08
MW-112	12/14/2022	6.50	23.0	0.865	183.8	4.14	2.96
MW-113	12/14/2022	6.49	21.7	0.791	189.2	5.52	18.0
MW-121	12/16/2022	5.96	23.0	0.498	165.6	4.90	9.96
MW-122	12/15/2022	6.52	21.6	1.411	20.39	5.21	14.6
MW-145[a]	12/16/2022	NS	NS	NS	NS	NS	NS
MW-146	12/16/2022	6.76	18.6	0.001	175.1	7.08	212
MW-147	12/16/2022	6.21	18.4	1.102	185.3	5.73	25.9
MW-160	12/16/2022	NM	NM	NM	NM	NM	NM
MW-161	12/16/2022	6.56	16.8	0.055	168.9	6.82	49.1
MW-162	12/16/2022	6.20	18.1	0.960	172.8	7.07	32.4
MW-163	12/16/2022	6.59	25.2	1.186	94.9	0.99	3.42
MW-168	12/15/2022	6.93	22.90	0.029	119.2	7.65	536
MW-178	12/14/2022	6.33	19.7	0.897	189.7	4.92	58.1
MW-179	12/15/2022	6.61	20.7	1.425	158.1	5.02	23.9
MW-180	1/3/2023	6.86	22.8	0.126	190.8	3.72	11.7
MW-181	12/14/2022	6.34	23.5	0.816	192.5	4.45	39.0
MW-182	12/14/2022	6.00	24.6	0.618	175.6	3.76	137

Notes:

Values represent the field parameter from residual water remaining after sample collection with HydraSleeve.

Values represent the last field parameter recorded once stabilization criteria was met prior to sample collection by low-flow methods (MW-77, MW-163, MW-180). .

[a] Monitor well MW-145 was not sampled due to no recovery of groundwater.

°C = degree(s) Celsius

ID = identification

mg/L = milligram(s) per liter

mS/cm = milliSiemen(s) per centimeter

mV = millivolt(s)

MW = monitor well

NM = parameter not measured due to insufficient sample volume

NS = not sampled

NTU = nephelometric turbidity unit

R = replacement well

SU = standard unit

Table 2-4. Attenuation Monitoring Point Well Data Summary, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Analyte Group (Method):			Volatile Organic Compounds (SW8260D)						
		CAS:	75-34-3	75-35-4	107-06-2	156-59-2	127-18-4	79-01-6	75-01-4
		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
		AAL	4.9 [a]	2.40	0.021	0.438	0.582	0.836	0.480
Well ID	**Well Type**	**Date Collected**							
MW-50R	AMP	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-181	AMP	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-182	AMP	12/14/2022	**0.00255**	**0.0143**	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638

Notes:

The concentrations are presented in milligrams per liter (mg/L).

Bold values indicate a detected concentration.

[a] The AAL for 1,1-dichloroethane is the lower of the $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ Tier I PCLs for residential land use based on the latest PCL tables (January 2021).

< = nondetected result less than the sample detection limit

AAL = attenuation action level

AMP = attenuation monitoring point

CAS = Chemical Abstracts Service

$^{GW}GW_{Ing}$ = groundwater ingestion pathway

$^{Air}GW_{Inh\text{-}V}$ = inhalation of volatiles from groundwater

ID = identification

MW = monitor well

PCL = protective concentration level

R = replacement well

Table 2-5. Point of Exposure Well Data Summary, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

		Analyte Group (Method):	Volatile Organic Compounds (SW8260D)						
		CAS:	75-34-3	75-35-4	107-06-2	156-59-2	127-18-4	79-01-6	75-01-4
		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
		cPCL:	4.9	0.007	0.005	0.07	0.005	0.005	0.002
Well ID	**Well Type**	**Date Collected**							
MW-01	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-15R	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-16R	POE	12/15/2022	**0.025**	**0.0351**	< 0.00059	**0.00403**	**0.0392**	**0.00823**	**0.00301**
MW-17R	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-65	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-70	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-71	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-74	POE	12/14/2022	**0.00439**	**0.00318**	< 0.00059	**0.0192**	**0.00118**	< 0.000791	**0.00673**
MW-76	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-77	POE	1/3/2023	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-83	POE	12/15/2022	**0.0193**	**0.142 J**	**0.00142**	**0.013**	**0.117 J**	**0.00966**	**0.00269**
MW-88	POE	12/15/2022	**0.00541**	**0.0279**	< 0.00059	**0.00182**	**0.0243**	**0.0037 J**	< 0.000638
MW-89	POE	12/15/2022	**0.0118**	**0.254**	**0.00353**	**0.00246**	**0.00139**	**0.0218**	< 0.000638
MW-90	POE	12/15/2022	**0.041**	**0.139**	< 0.00059	**0.00263**	**0.0399**	**0.00554**	< 0.000638
MW-92	POE	12/15/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-93R	POE	12/16/2022	**0.00669**	**0.0401**	< 0.00059	**0.00301**	**0.186**	**0.0168**	< 0.000638
MW-97	POE	12/15/2022	**0.006**	**0.0378**	**0.0013**	**0.00707**	**0.205**	**0.0228**	< 0.000638
MW-98	POE	12/15/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-100	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-106	POE	12/15/2022	< 0.000635	< 0.000738	< 0.00059	**0.00176**	< 0.000801	< 0.000791	< 0.000638
MW-108	POE	12/14/2022	**0.00379**	**0.0344**	< 0.00059	**0.0038**	< 0.000801	**0.00957**	< 0.000638
MW-109	POE	12/14/2022	**0.0406**	**0.02**	< 0.00059	**0.0218**	**0.0124**	**0.00307 J**	**0.0139**
MW-110	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-111	POE	12/14/2022	**0.00272**	**0.00485**	< 0.00059	**0.00234**	**0.0151**	**0.00397 J**	< 0.000638
MW-112	POE	12/14/2022	**0.00928**	**0.0157**	**0.00203**	< 0.000714	< 0.000801	< 0.000791	**0.00454**
MW-113	POE	12/14/2022	**0.0192**	**0.0431**	< 0.00059	**0.0185**	**0.0979 J**	**0.0432**	**0.00256**
MW-121	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-122	POE	12/15/2022	**0.00087 J**	**0.0127**	< 0.00059	< 0.000714	**0.00099 J**	< 0.000791	< 0.000638
MW-145	POE	12/16/22	NS	NS	NS	NS	NS	NS	NS

Table 2-5. Point of Exposure Well Data Summary, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Analyte Group (Method):			Volatile Organic Compounds (SW8260D)						
		CAS:	75-34-3	75-35-4	107-06-2	156-59-2	127-18-4	79-01-6	75-01-4
		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
		cPCL:	4.9	0.007	0.005	0.07	0.005	0.005	0.002
Well ID	**Well Type**	**Date Collected**							
MW-146	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-147	POE	12/16/2022	**0.000998 J**	**0.00163**	< 0.00059	**0.00233**	**0.00536**	**0.00114 J**	< 0.000638
MW-160	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-161	POE	12/16/2022	**0.00668**	**0.0334**	< 0.00059	**0.0012**	**0.00327**	**0.00103 J**	< 0.000638
MW-162	POE	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-163	POE	12/16/2022	**0.0142**	**0.0337**	< 0.00059	**0.00662**	**0.00809**	**0.00468 J**	**0.00213**
MW-168	POE	12/15/2022	**0.00517**	**0.0214**	**0.00137**	**0.0118**	**0.152**	**0.0279**	< 0.000638
MW-178	POE	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-179	POE	12/15/2022	< 0.000635	**0.00526**	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
MW-180	POE	1/3/2023	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638

Notes:

The concentrations are presented in milligrams per liter (mg/L).

The cPCLs are the lower of the $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ Tier I PCLs for residential land use based on the latest PCL tables (January 2021).

Bold values indicate a detected concentration.

Bold and shaded values exceed the cPCL.

< = nondetected result less than the sample detection limit

$^{GW}GW_{Ing}$ = groundwater ingestion pathway

$^{Air}GW_{Inh\text{-}V}$ = inhalation of volatiles from groundwater

CAS = Chemical Abstracts Service

cPCL = critical protective concentration level

ID = identification

J = estimated concentration

NS = not sampled

MW = monitor well

PCL = protective concentration levels

POE = point of exposure

R = replacement well

Table 2-6. Surface Water Data Summary, 2022 Annual Event

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

		Analyte Group (Method):	Volatile Organic Compounds (SW8260D)						
		CAS:	75-34-3	75-35-4	107-06-2	156-59-2	127-18-4	79-01-6	75-01-4
		Analyte:	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	cis-1,2-Dichloroethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride
		cPCL (Surface Water):	4.1	0.05	0.443	7.49	0.632	0.888	0.0269
Well ID	**Well Type**	**Date Collected**							
SWD-12	HCFCD	12/19/2022	**0.00103**	**0.00441**	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
SWD-14	HCFCD	12/19/2022	**0.00193**	**0.00888**	< 0.00059	**0.000998 J**	**0.000901 J**	**0.00146 J**	< 0.000638
SWD-15	HCFCD	12/19/2022	**0.00159**	**0.0107**	< 0.00059	< 0.000714	< 0.000801	**0.00121 J**	< 0.000638
SWD-17	HCFCD	12/19/2022	< 0.000635	**0.00591**	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638
SWD-18	HCFCD	12/19/2022	< 0.000635	**0.00182**	< 0.00059	< 0.000714	**0.00101**	< 0.000791	< 0.000638
SWD-20	HCFCD	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000801	< 0.000791	< 0.000638

Notes:

The concentrations are presented in milligrams per liter (mg/L).

The cPCLs for surface water are 80% of the cPCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment* (June 2003).

Bold values indicate a detected concentration.

< = nondetected result less than the sample detection limit

CAS = Chemical Abstracts Service

cPCL = critical protective concentration level

HCFCD = Harris County Flood Control Ditch

ID = identification

J = estimated concentration

SWD = surface water sampling locations

Table 6-1. Projected 2023 Schedule

2022 Annual Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, Texas

Anticipated Date	Event	Description of the Activities
January 2023	Field Activities	Monitor well and injection well installation per TCEQ approved Amendment of Authorization and Registration of Class V Injection Wells dated December 27, 2022.
	TCEQ Submittal	Submittal of Response to Comments on 2021 Response Action Effectiveness Report.
February 2023	Waste Pickup	Clean Harbors Environmental Services, Inc. to pick up site nonhazardous waste.
March 2023	Notification Letters to Property Owners	Delivery of analytical data to property owners whose residential wells were sampled during the 2022 Annual event in December 2022.
	TCEQ submittal	Submit the 2022 Annual Response Action Effectiveness Report.
April 2023	Annual Public Meeting	Annual meeting for Settlement Class Members to meet with Cameron regarding the Former Cameron Iron Works Facility remedial activities.
May 2023	TCEQ submittal	Submittal of Response to Comments on 2022 Response Action Plan Addendum.
	TCEQ Submittal	Semiannual Class V Aquifer Remediation Injection Well Report (November 1, 2022, through April 30, 2023)
June 2023	TCEQ Submittal	Submit UIC Amendment Authorization for Phase 2 ISCO injection; Submit email request of using alternate generic potassium permanganate if needed as backup plan; Submit secondary backup plan of using persulfate-based ISCO technology for approval if needed.
June - July, 2023	Field Activities[1]	Begin Phase 1 ISCO injections pending availability of permanganate per TCEQ approved Amendment of Authorization and Registration of Class V Injection Wells dated December 27, 2022.
August 2023	Field Activities	Phase 2 monitor well and injection well installation per TCEQ approved Amendment of Authorization and Registration of Class V Injection Wells dated December 27, 2022.
September 2023	Field Activities	Begin Phase 2 ISCO injections per TCEQ approved Amendment of Authorization and Registration of Class V Injection Wells for phase 2 ISCO injection.
November 2023	COH Submittal	Submit Facility Permit Renewal.
	TCEQ submittal	Semiannual Class V Aquifer Remediation Injection Well Report (May 1, 2023, through October 31, 2023).
December 2023	Field Activities	2023 annual groundwater and surface water sampling.

Notes:

[1] - Phase 1 injection date is dependent on availability of preferred RemOx S oxidant which is anticipated for June 2023. The injection schedule may be adjusted based on availability of RemOx S and generic potassium permanganate products and/or alternate ISCO technology.

COH = City of Houston

ISCO = in situ chemical oxidation

TCEQ = Texas Commission on Environmental Quality

Table 6-2. Proposed 2023 Sampling Locations

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Monitor Wells				Surface Water Locations
MW-01	MW-90	MW-122	MW-182	SWD-12
MW-15R	MW-92	MW-145		SWD-14
MW-16R	MW-93R	MW-146		SWD-15
MW-17R	MW-97[a]	MW-147		SWD-17
MW-50R	MW-98[a]	MW-160		SWD-18
MW-65	MW-100	MW-161		SWD-20
MW-70	MW-106	MW-162		
MW-71	MW-108	MW-163		
MW-74	MW-109	MW-168[a]		
MW-76	MW-110	MW-173R[a]		
MW-77	MW-111	MW-178		
MW-83	MW-112	MW-179		
MW-88	MW-113	MW-180		
MW-89	MW-121	MW-181		

Notes:

[a] Monitor well MW-173R has not been installed. MW-97, MW-98, MW-168, abd MW-173R are pending access.

MW = monitor well

R = replacement well

SWD = surface water sampling location

Figures

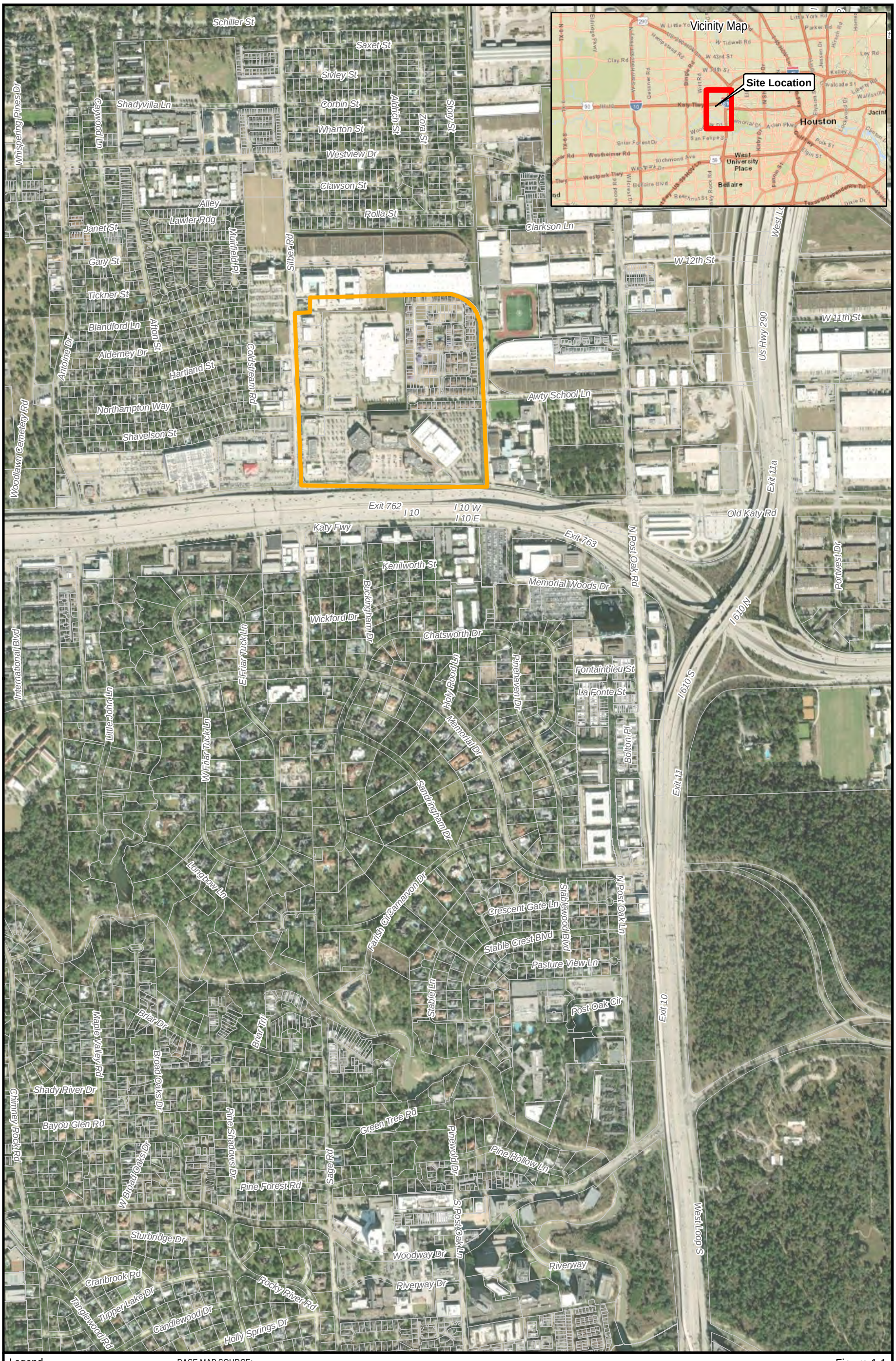

Figure 1-1
Site Location Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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NOTES:
1. Selected TTZ and ISCO injection well locations are to address former burn pit and MW-113 areas and other monitor well locations with increasing or elevated concentration.
2. The PCLE zone presented on this map was generalized from and interpolated using data obtained from 2021 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

BASE MAP SOURCE:
Harris County Appraisal District, 2022.
ESRI World Imagery online mapping service.

ACRONYMS:
AMP = attenuation monitoring point
cPCL = Critical Protective Concentration Level
HCFCD = Harris County Flood Control Ditch
PCLE = protective concentration level exceedance
POE = point of exposure
PMZ = plume management zone
TTZ = target treatment zone
TxDoT = Texas Department of Transportation

Legend
- AMP Well
- POE Well
- Surface Water Sample Locations
- Proposed POE Well
- Former Burn Pit Excavation Boundary
- Former Facility Boundary
- PMZ Boundary
- HCFCD
- Gaining Portion of Stream
- TxDoT Dewatering System
- Parcel

N

0 280 560
Approximate scale in feet

Figure 2-1
Groundwater and Surface Water Monitoring Network
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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STATE OF TEXAS
BRET R. RAHE
GEOLOGY
2798
PROFESSIONAL LICENSED GEOSCIENTIST

3/31/23

TBPG Firm 50264

NOTES:
1. The potentiometric surface presented on this map was generalized from and interpolated using water levels obtained from 2022 annual groundwater monitoring. Information on actual subsurface conditions exists only at the specified locations. Water levels at other locations may differ from those interpreted on this map.
2. Water level data used to generate this map were collected on December 12 and 13, 2022.
3. Water level elevation in feet above mean sea level.
4. Monitor well locations MW-181 and MW-182 were installed in 2022 and have not been surveyed yet.

ACRONYMS:
AMP = attenuation monitoring point
HCFCD = Harris County Flood Control Ditch
NA = not applicable
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

Legend

- AMP Well
- POE Well
- Surface Water Sample Locations
- Former Facility Boundary
- HCFCD
- Gaining Portion of Stream
- Approximate Groundwater Flow Direction (December 2021)
- TxDoT Dewatering System
- Groundwater Elevation Contour
- (Dashed Where Inferred)
- PMZ Boundary

N

0 325 650

Approximate scale in feet

Figure 2-2
Potentiometric Surface Map (December 2022)
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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Figure 2-3.
1,1- Dichloroethene Concentration Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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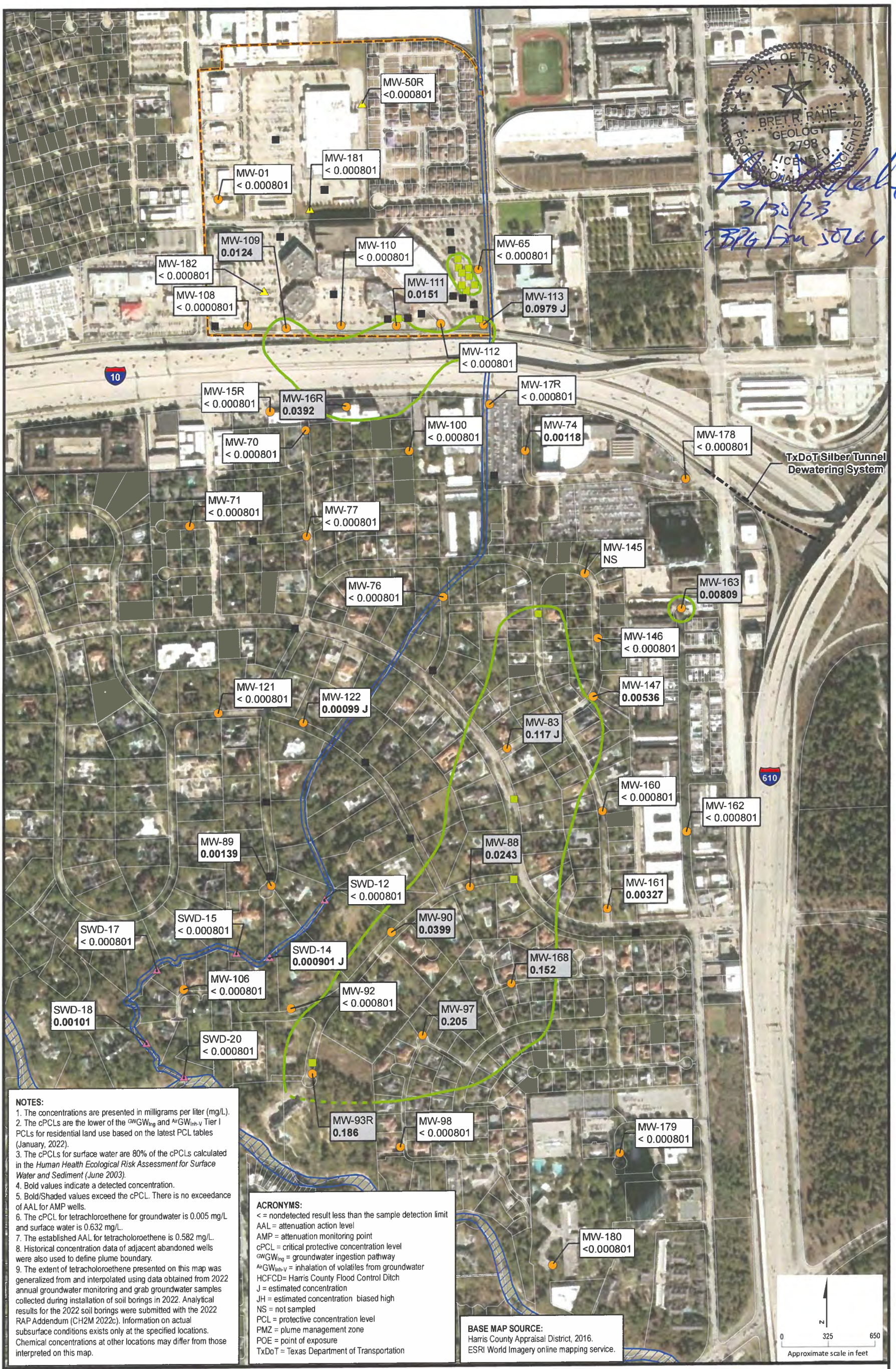


NOTES:

1. The concentrations are presented in milligrams per liter (mg/L).
2. The cPCLs are the lower of the $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ Tier I PCLs for residential land use based on the latest PCL tables (January, 2022).
3. The cPCLs for surface water are 80% of the cPCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment (June 2003).*
4. Bold values indicate a detected concentration.
5. Bold/Shaded values exceed the cPCL. There is no exceedance of AAL for AMP wells.
6. The cPCL for tetrachloroethene for groundwater is 0.005 mg/L and surface water is 0.632 mg/L.
7. The established AAL for tetrachloroethene is 0.582 mg/L.
8. Historical concentration data of adjacent abandoned wells were also used to define plume boundary.
9. The extent of tetrachloroethene presented on this map was generalized from and interpolated using data obtained from 2022 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Analytical results for the 2022 soil borings were submitted with the 2022 RAP Addendum (CH2M 2022c). Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

ACRONYMS:

< = nondetected result less than the sample detection limit
AAL = attenuation action level
AMP = attenuation monitoring point
cPCL = critical protective concentration level
$^{GW}GW_{Ing}$ = groundwater ingestion pathway
$^{Air}GW_{Inh\text{-}V}$ = inhalation of volatiles from groundwater
HCFCD= Harris County Flood Control Ditch
J = estimated concentration
JH = estimated concentration biased high
NS = not sampled
PCL = protective concentration level
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

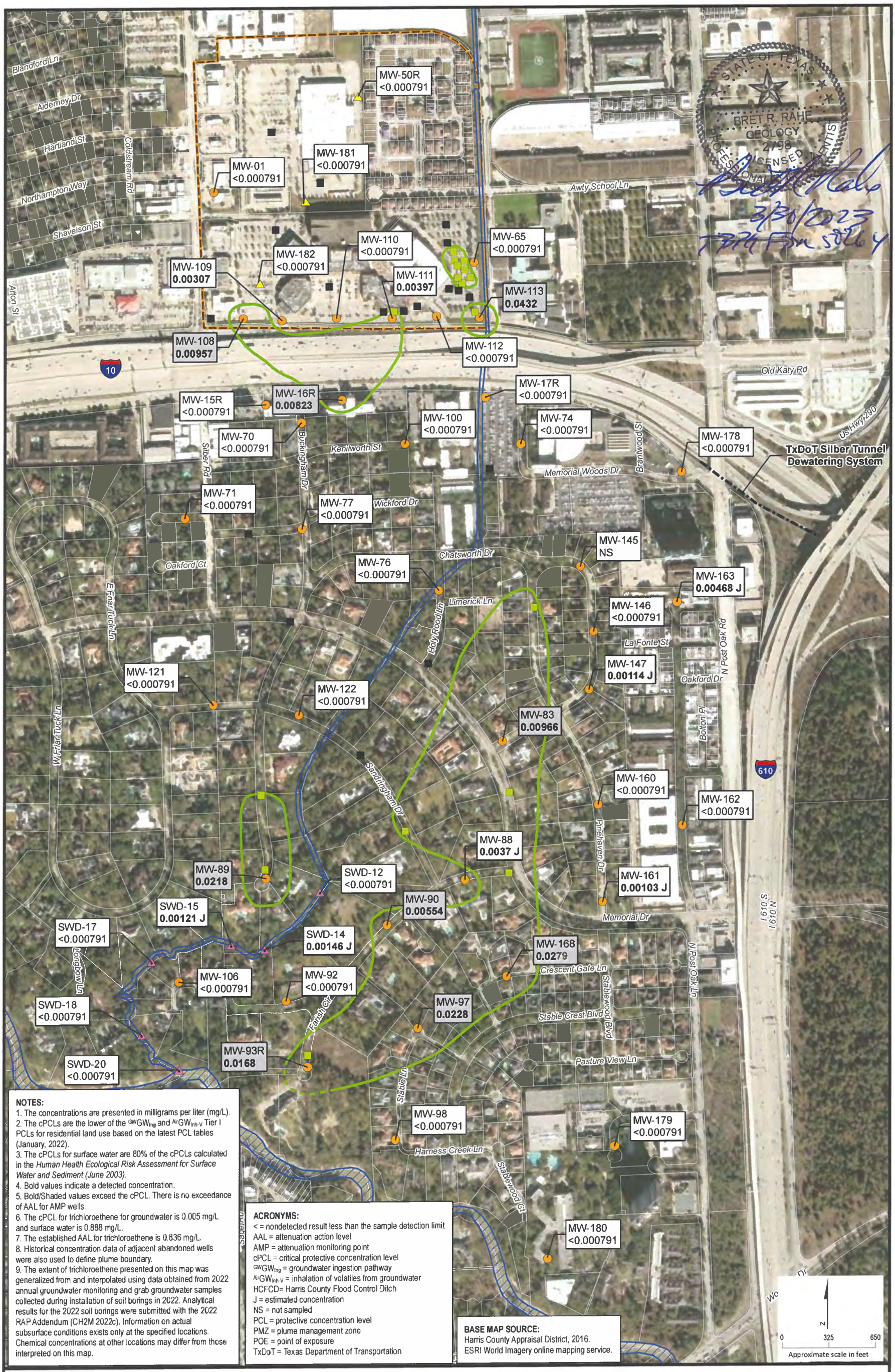
Legend

- AMP Well
- POE Well
- Surface Water Sample Locations
- 2022 Predesign Grab Sample - exceeded cPCL
- 2022 Predesign Grab Sample - less than cPCL
- Former Facility Boundary
- HCFCD
- Gaining Portion of Stream
- PMZ Boundary
- TxDoT Dewatering System
- Parcel
- Tetrachloroethene cPCL Exceedance Boundary
- Dashed Where Inferred

Figure 2-4.
Tetrachloroethene Concentration Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

\\brookside\GIS_SHARE - \\dc1vs01\gisproj\C\Cameron\SilberRd\Maps\Report\Cameron_Dec2022_Tetrachloroethene.mxd gtwigg 3/22/2023 12:11:14 PM



NOTES:
1. The concentrations are presented in milligrams per liter (mg/L).
2. The cPCLs are the lower of the $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ Tier I PCLs for residential land use based on the latest PCL tables (January, 2022).
3. The cPCLs for surface water are 80% of the cPCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment (June 2003).*
4. Bold values indicate a detected concentration.
5. Bold/Shaded values exceed the cPCL. There is no exceedance of AAL for AMP wells.
6. The cPCL for trichloroethene for groundwater is 0.005 mg/L and surface water is 0.888 mg/L.
7. The established AAL for trichloroethene is 0.836 mg/L.
8. Historical concentration data of adjacent abandoned wells were also used to define plume boundary.
9. The extent of trichloroethene presented on this map was generalized from and interpolated using data obtained from 2022 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Analytical results for the 2022 soil borings were submitted with the 2022 RAP Addendum (CH2M 2022c). Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

ACRONYMS:
< = nondetected result less than the sample detection limit
AAL = attenuation action level
AMP = attenuation monitoring point
cPCL = critical protective concentration level
$^{GW}GW_{Ing}$ = groundwater ingestion pathway
$^{Air}GW_{Inh\text{-}V}$ = inhalation of volatiles from groundwater
HCFCD= Harris County Flood Control Ditch
J = estimated concentration
NS = not sampled
PCL = protective concentration level
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

Legend
- AMP Well
- POE Well
- Surface Water Sample Locations
- 2022 Predesign Grab Sample - exceeded cPCL
- 2022 Predesign Grab Sample - less than cPCL
- Former Facility Boundary
- HCFCD
- Gaining Portion of Stream
- PMZ Boundary
- TxDoT Dewatering System
- Parcel
- Trichloroethene cPCL Exceedance Boundary
- Dashed Where Inferred

Figure 2-5.
Trichloroethene Concentration Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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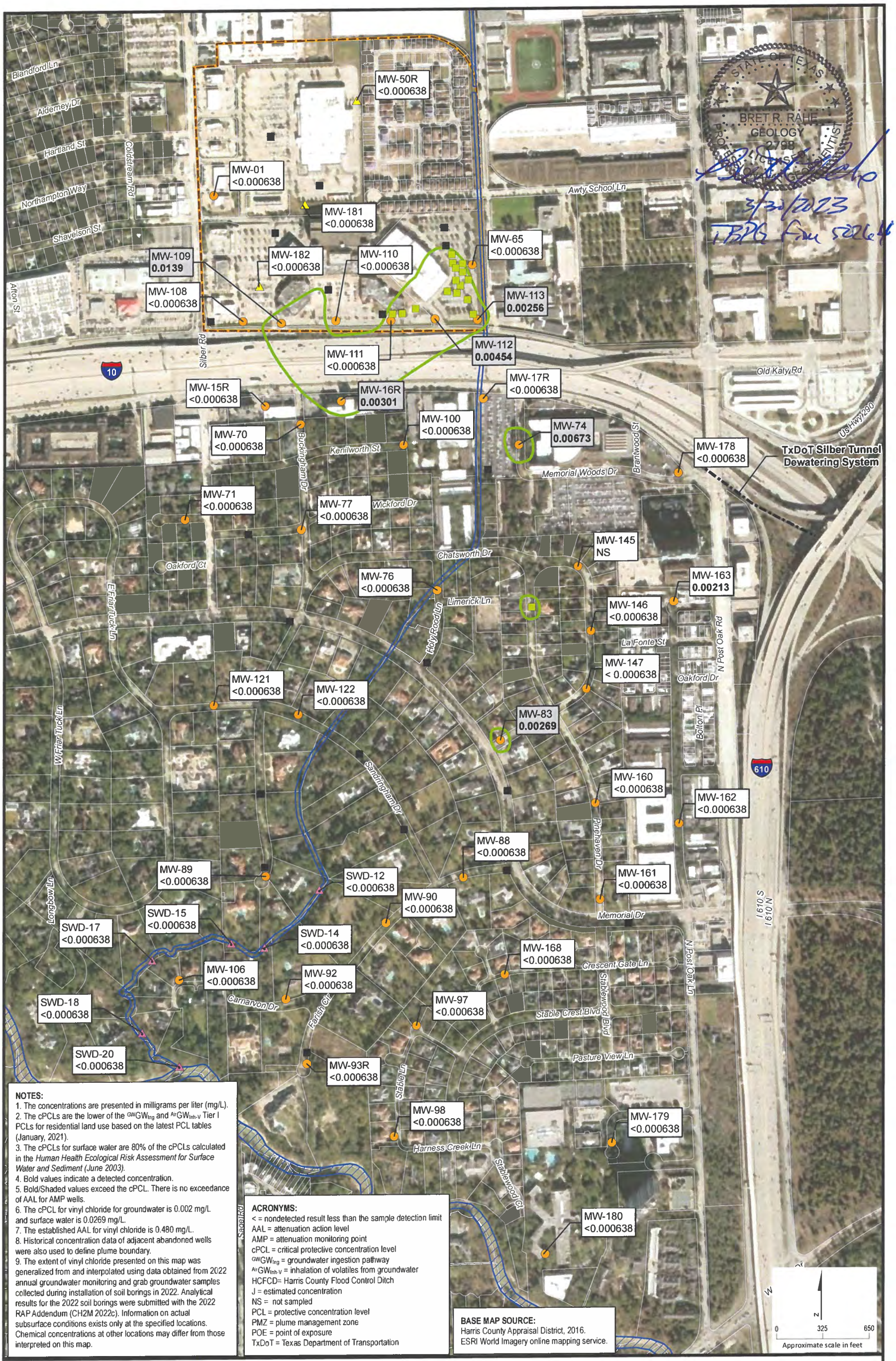

NOTES:
1. The concentrations are presented in milligrams per liter (mg/L).
2. The cPCLs are the lower of the $^{GW}GW_{Ing}$ and $^{Air}GW_{Inh\text{-}V}$ Tier I PCLs for residential land use based on the latest PCL tables (January, 2021).
3. The cPCLs for surface water are 80% of the cPCLs calculated in the *Human Health Ecological Risk Assessment for Surface Water and Sediment (June 2003).*
4. Bold values indicate a detected concentration.
5. Bold/Shaded values exceed the cPCL. There is no exceedance of AAL for AMP wells.
6. The cPCL for vinyl chloride for groundwater is 0.002 mg/L and surface water is 0.0269 mg/L.
7. The established AAL for vinyl chloride is 0.480 mg/L.
8. Historical concentration data of adjacent abandoned wells were also used to define plume boundary.
9. The extent of vinyl chloride presented on this map was generalized from and interpolated using data obtained from 2022 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Analytical results for the 2022 soil borings were submitted with the 2022 RAP Addendum (CH2M 2022c). Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

ACRONYMS:
< = nondetected result less than the sample detection limit
AAL = attenuation action level
AMP = attenuation monitoring point
cPCL = critical protective concentration level
$^{GW}GW_{Ing}$ = groundwater ingestion pathway
$^{Air}GW_{Inh\text{-}V}$ = inhalation of volatiles from groundwater
HCFCD= Harris County Flood Control Ditch
J = estimated concentration
NS = not sampled
PCL = protective concentration level
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

0 325 650
Approximate scale in feet

Legend
- AMP Well
- POE Well
- Surface Water Sample Locations
- 2022 Predesign Grab Sample - exceeded cPCL
- 2022 Predesign Grab Sample - less than cPCL
- Former Facility Boundary
- HCFCD
- Gaining Portion of Stream
- PMZ Boundary
- TxDoT Dewatering System
- Parcel
- Vinyl Chloride cPCL Exceedance Boundary

Figure 2-6.
Vinyl Chloride Concentration Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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NOTES:
1. Historical concentration data of adjacent abandoned wells were also used to define plume boundary.
2. The PCLE zone presented on this map was generalized from and interpolated using data obtained from 2022 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Analytical results for the 2022 soil borings were submitted with the 2022 RAP Addendum (CH2M 2022c). Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

ACRONYMS:
AMP = attenuation monitoring point
HCFCD = Harris County Flood Control Ditch
PCLE = protective concentration level exceedance
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation
VCP = voluntary cleanup program

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

Legend

- AMP Well
- POE Well
- Surface Water Sample Locations
- TxDoT Dewatering System
- HCFCD
- Gaining Portion of Stream
- Former Facility Boundary
- PMZ Boundary
- Parcel
- PCLE Zone 2022
- Dashed Where Inferred
- Localized Area of Groundwater Concentration Below cPCL

N

0 325 650

Approximate scale in feet

Figure 2-7.
Protective Concentration Level Exceedance Zone Map
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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NOTES:
1. Historical concentration data of adjacent abandoned wells were also used to define plume boundary.
2. The 2022 PCLE zone presented on this map was generalized from and interpolated using data obtained from 2022 annual groundwater monitoring and grab groundwater samples collected during installation of soil borings in 2022. Analytical results for the 2022 soil borings were submitted with the 2022 RAP Addendum (CH2M 2022c).
3. Information on actual subsurface conditions exists only at the specified locations. Chemical concentrations at other locations may differ from those interpreted on this map.

ACRONYMS:
AMP = attenuation monitoring point
HCFCD = Harris County Flood Control Ditch
PCLE = protective concentration level exceedance
PMZ = plume management zone
POE = point of exposure
TxDoT = Texas Department of Transportation
VCP = voluntary cleanup program

BASE MAP SOURCE:
Harris County Appraisal District, 2016.
ESRI World Imagery online mapping service.

Legend

- AMP Well
- POE Well
- Surface Water Sample Locations
- PMZ Boundary
- HCFCD
- Gaining Portion of Stream
- Former Facility Boundary
- TxDoT Dewatering System
- Parcel
- PCLE Zone 2022
- Localized Area of Groundwater Concentration Below cPCL
- PCLE Zone 2021
- PCLE Zone 2020
- PCLE Zone 2019

N

0 325 650

Approximate scale in feet

Figure 2-8.
Protective Concentration Level Exceedance Zone Comparison - 2019 - 2022
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.

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Appendix A
Checklist for RAER Completeness

Appendix A. Checklist for RAER Completeness

2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, Texas

RAER Components	Required (Y or N)	Provided in Report (Y or N)	Report Section	Notes
Cover Page	Y	Y	Cover Letter and Title Page	
Executive Summary and Chronology	Y	Y	Section 1	See 2018 Response Action Plan Addendum (Executive Summary) and Table 1-1 (Chronology).
Checklist for Report Completeness	Y	Y	Appendix A	
Worksheet 1.0 *Response Action Objectives*	Y	N	NA	Provided in the 2003 Response Action Plan, 2009 Response Action Plan Addendum, and 2018 Response Action Plan Addendum
Attachment 1A *Maps and Cross Sections*	Y	Y	Section 2	See Figures 1-1 to 2-8.
Affected Property Map	Y	Y	Section 2	See Figure 2-7 and 2-8.
COC Concentration Maps	Y	Y	Section 2	See Figures 2-3 to 2-6.
Parameters Map	Y	Y	Section 2	See Table 2-3 (Geochemical parameter distribution map is provided in 2003 Response Action Plan.).
Groundwater Gradient Map	Y	Y	Section 2	See Figure 2-2.
Cross Sections	Y	N	NA	Provided in 2021 Response Action Effectiveness Report
Attachment 1B *Graphs*	Y	Y	Section 2	See Appendix D.
Attachment 1C *Response Action Diagrams*	Y	N	NA	Provided in the 2003 Response Action Plan, 2009 Response Action Plan Addendum, and 2018 Response Action Plan Addendum
Worksheet 2.0 *Plume Management Zone*	Y	N	Section 2	Provided in the 2003 Response Action Plan
Attachment 2A *Map of Plume Management Zone*	Y	Y	Section 2	Provided in the 2003 Response Action Plan and 2018 Response Action Plan Addendum; Figure 2-1
Worksheet 3.0 *Technical Impracticability*	Y	N	NA	Provided in 2003 Response Action Plan and 2009 Response Action Plan Addendum
Attachment 3A *Map of Technical Impracticability*	Y	N	NA	Provided in 2003 Response Action Plan and 2009 Response Action Plan Addendum
Worksheet 4.0 *Institutional Controls*	Y	N	NA	Provided in the 2003 Response Action Plan
Worksheet 5.0 *Performance Measures and Problems*	Y	N	NA	Provided in the 2003 Response Action Plan
Worksheet 6.0 *Operation and Maintenance*	Y	Y	Section 3	Provided in the Class V Aquifer Remediation Injection Well Report (October 1, 2020 to September 30, 2021) and the City of Houston 2020 Semiannual System Discharge Reports (submitted on July 15, 2021 and January 13, 2022)
Worksheet 7.0 *Statistical Methodologies*	Y	N	NA	Provided in the 2003 Response Action Plan
Appendix 1 *References*	Y	Y	Section 8	
Appendix 2 *ESA and Compensatory Restoration*	Y	N	NA	Provided in the 2003 Response Action Plan
Appendix 3 *Institutional Controls and Landowner Concurrence*	Y	N	NA	Provided in the 2003 Response Action Plan
Appendix 4 COC *Data Tables*	Y	Y	Section 2	See Tables 2-4 through 2-6.
Parameters Data Table	Y	Y	Section 2	See Table 2-3.
Groundwater Measurements Table	Y	Y	Section 2	See Table 2-2.
Boring Logs and Monitor Well Completions	Y	N	NA	Provided in the 2022 Response Action Plan
Appendix 5 *Sampling Procedures*	Y	Y	Section 2.3	
Appendix 6 *Laboratory Data Packages and Data Usability Summaries*	Y	Y	Appendix C	
Appendix 7 *Statistical Methodology*	Y	N	NA	Provided in the 2003 Response Action Plan
Appendix 8 *Waste Disposition*	Y	Y	Section 5	

Notes:
COC = chemical of concern
ESA = ecological services assessment
N = no
NA = not applicable
RAER = Response Action Effectiveness Report
Y = yes

Appendix B
List of Property Owner Notifications, 2022-2023

Texas Risk Reduction Program
Affidavit of §350.55 Notifications

STATE OF TEXAS

COUNTY OF HARRIS

This affidavit is to provide information concerning notifications required pursuant to the Texas Commission on Environmental Quality (TCEQ) Texas Risk Reduction Program Rule (TRRP) found at 30 Texas Administrative Code (TAC), Chapter 350. The notifications required by 30 TAC §350.55 have been sent to the property owners at the addresses provided in the attached table. The notifications were sent by CH2M HILL Engineers on behalf of Cameron International Corporation (a Schlumberger Holdings Company).

Executed this 28 day of 3, 2023.

[OWNER or RESPONDER]

By: John J. Knott

Name: John J. Knott

Title: CH2M Project Manager

STATE OF TEXAS

Jefferson COUNTY

BEFORE ME, on this the 28 day of 3, 2023, personally appeared [*name*] John Knott, [*title*] Project manager, of CH2M HILL Engineers, on behalf of Cameron International Corporation (a Schlumberger Holdings Company), known to me to be the person whose name is subscribed to the foregoing instrument, and they acknowledged to me that they executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 28 day of March, 2023

MISTY L KING
Notary Public, State of Texas
Comm. Expires 03-06-2027
Notary ID# 12598176-7

Notary Public in and for the State of Texas,

County of: Jefferson

My Commission Expires: 3·6·2027

x Misty L. King
Notary

APPENDIX B

Table is attached.

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
101 FARISH CIR	101 Farish Circle	7554	Included in Settlement Agreement[1]
101 FARISH CIR	101 Farish Circle LLC	7557	Included in Settlement Agreement[1]
312 CARNARVON DR	Mahnaz Ansari	7550	Included in Settlement Agreement[1]
404 CARNARVON DR	Jamal Daniel	7549	Included in Settlement Agreement[1]
9010 CHATSWORTH DR	Current Owner	7551	Included in Settlement Agreement[1]
9010 WICKFORD DR	Maria Ohanna	7539	Included in Settlement Agreement[1]
915 SILBER RD	Veritas Equity Legends LLC	7532	Included in Settlement Agreement[1]
310 CARNARVON DR	Brent Kallop	7528	Included in Settlement Agreement[1]
0 CARNARVON DR	Carnarvon Park HOA IncC	7527	Notified by Letter Dated December 15, 2022[6]
0 FARISH CIR	Current Owner	7526	Notified by Letter Dated January 6, 2023[6]
0 FARISH CIR	Current Owner	7718	Notified by Letter Dated January 6, 2023[6]
9119 MEMORIAL DR	Subramanyan Ayyar	7480	Included in Settlement Agreement[1]
9111 MEMORIAL DR	Tricia Oliver	7479	Included in Settlement Agreement[1]
9105 MEMORIAL DR	Menggui Zhang	7471	Included in Settlement Agreement[1]
9013 MEMORIAL DR	George & Hilary Crady	7478	Included in Settlement Agreement[1]
9009 MEMORIAL DR	West Texas Lines Inc	7470	Included in Settlement Agreement[1]
8925 MEMORIAL DR	Steven McNear	7477	Included in Settlement Agreement[1]
8917 MEMORIAL DR	Current Owner	7469	Included in Settlement Agreement[1]
8909 MEMORIAL DR	Taseer & Zohra Badar	7475	Included in Settlement Agreement[1]
8901 MEMORIAL DR	Timothy and Evelyn Mercer	7474	Included in Settlement Agreement[1]
8847 MEMORIAL DR	Current Owner	7473	Included in Settlement Agreement[1]
8833 MEMORIAL DR	Current Owner	7472	Included in Settlement Agreement[1]
8827 MEMORIAL DR	Charles & Carolyn Garcia	7468	Included in Settlement Agreement[1]
9209 MEMORIAL DR	Faiz Family Homes LLC	7476	Included in Settlement Agreement[1]
9201 MEMORIAL DR	9201 Memorial Drive LLC	7467	Included in Settlement Agreement[1]
9246 MEMORIAL DR	Samir & Grace Tuma	7213	Included in Settlement Agreement[1]
9236 MEMORIAL DR	Jerrol & Pamela Springer	7207	Included in Settlement Agreement[1]
710 BUCKINGHAM DR	Current Owner	7206	Included in Settlement Agreement[1]
9110 MEMORIAL DR	Fakhredin Emadi	7201	Included in Settlement Agreement[1]
9014 MEMORIAL DR	Mark Much	7212	Included in Settlement Agreement[1]
9010 MEMORIAL DR	IVO 2009 Family Trust	7200	Included in Settlement Agreement[1]
9002 MEMORIAL DR	Fred & Terry Baca	7211	Included in Settlement Agreement[1]
707 HOLY ROOD LN	Jane Block	7217	Included in Settlement Agreement[1]
9023 CHATSWORTH DR	Alfredo & Marcia Vilas	7216	Included in Settlement Agreement[1]
9113 CHATSWORTH DR	Estate of Norman Clinger	7215	Included in Settlement Agreement[1]
8916 LIMERICK LN	William & Lucy Raster	7214	Included in Settlement Agreement[1]
8902 LIMERICK LN	Mordechaj & Zina Blankfeld	7210	Included in Settlement Agreement[1]
8911 LIMERICK LN	Mark & Meredith Barnieau	7199	Included in Settlement Agreement[1]
704 HOLY ROOD LN	Betty Ann Bernell	7209	Included in Settlement Agreement[1]
8922 MEMORIAL DR	Josephine Shields	7198	Included in Settlement Agreement[1]
711 HOLY ROOD LN	Mason & Catherine Herring	7205	Included in Settlement Agreement[1]
8919 LIMERICK LN	Current Owner	7204	Included in Settlement Agreement[1]
9226 MEMORIAL DR	Marc Sheiness	7203	Included in Settlement Agreement[1]
8905 CHATSWORTH DR	Paul & Gine Schiebl	7202	Included in Settlement Agreement[1]
706 BUCKINGHAM DR	Shahrzad Jamea	7197	Included in Settlement Agreement[1]
8914 LIMERICK LN	Gardner & Claudia Thornton	7208	Included in Settlement Agreement[1]
8903 LIMERICK LN	Fadi Amin Tatari	7196	Included in Settlement Agreement[1]
8906 MEMORIAL DR	Ryan Thai	7191	Included in Settlement Agreement[1]

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
8914 MEMORIAL DR	Sheila Davis	7186	Included in Settlement Agreement[1]
721 BUCKINGHAM DR	Jose & Maria Ivo	7195	Included in Settlement Agreement[1]
9250 SANDRINGHAM DR	Russell & Katherine Rudy	7193	Included in Settlement Agreement[1]
602 BUCKINGHAM DR	Margaret Kostial	7192	Included in Settlement Agreement[1]
9030 SANDRINGHAM DR	Current Owner	7185	Included in Settlement Agreement[1]
9014 SANDRINGHAM DR	Barry & Tammie Kahn	7190	Included in Settlement Agreement[1]
9010 SANDRINGHAM DR	Subramanyam & Monika Ayyar	7184	Included in Settlement Agreement[1]
8838 SANDRINGHAM DR	Stanton Moldovan	7189	Included in Settlement Agreement[1]
8828 SANDRINGHAM DR	Bashar Kalai	7181	Included in Settlement Agreement[1]
8818 SANDRINGHAM DR	Fardin & Ellen Tavakoli	7180	Included in Settlement Agreement[1]
423 CARNARVON DR	Ricardo & Martine Weitz	7179	Included in Settlement Agreement[1]
509 BUCKINGHAM DR	Richard & Jennifer Hogan	7188	Included in Settlement Agreement[1]
421 BUCKINGHAM DR	Jill Suzanne Glanville	7183	Included in Settlement Agreement[1]
343 BUCKINGHAM DR	John & Jo Sweeney	7187	Included in Settlement Agreement[1]
335 BUCKINGHAM DR	Sandra Leigh Bryant	7182	Included in Settlement Agreement[1]
333 BUCKINGHAM DR	Robert & Yan Chaffin	7177	Included in Settlement Agreement[1]
329 BUCKINGHAM DR	Current Owner	7176	Included in Settlement Agreement[1]
316 BUCKINGHAM DR	James McAlister Jr	7175	Included in Settlement Agreement[1]
324 BUCKINGHAM DR	Gary & Janet Mead	7174	Included in Settlement Agreement[1]
328 BUCKINGHAM DR	Current Owner	7173	Included in Settlement Agreement[1]
332 BUCKINGHAM DR	Current Owner	7168	Included in Settlement Agreement[1]
422 BUCKINGHAM DR	Current Owner	7172	Included in Settlement Agreement[1]
528 BUCKINGHAM DR	David Bergquist	7167	Included in Settlement Agreement[1]
9015 SANDRINGHAM DR	Current Owner	7171	Included in Settlement Agreement[1]
415 CARNARVON DR	John Samuel Beeson	7164	Included in Settlement Agreement[1]
215 CARNARVON DR	Rockcreek Ranch One LTD	7163	Included in Settlement Agreement[1]
111 CARNARVON DR	Current Owner	7162	Included in Settlement Agreement[1]
120 CARNARVON DR	Stephen Way	7161	Included in Settlement Agreement[1]
200 CARNARVON DR	Mohammad Athari	7170	Included in Settlement Agreement[1]
8729 MEMORIAL DR	Mark Daverka	7166	Notified by Letter Dated April 20, 2022
110 CARNARVON DR	Hardam Azad	7169	Included in Settlement Agreement[1]
9222 SANDRINGHAM DR	Current Owner	7165	Included in Settlement Agreement[1]
416 CARNARVON DR	Leticia Loya	7160	Included in Settlement Agreement[1]
8735 MEMORIAL DR	Dung Thi Nguyen	7159	Notified by Letter Dated February 28, 2022[2]
0 BUCKINGHAM DR	Neil & Marianne Duffin	7158	Included in Settlement Agreement[1]
0 BUCKINGHAM DR	City of Houston	7154	Included in Settlement Agreement[1]
101 FARISH CIR	101 Farish Circle LLC	7153	Included in Settlement Agreement[1]
8811 SANDRINGHAM DR	John Howenstine	7157	Included in Settlement Agreement[1]
100 CARNARVON DR	100 Carnarvon LLC	7152	Included in Settlement Agreement[1]
119 CARNARVON DR	Stephen & Lauren Kramer	7156	Included in Settlement Agreement[1]
9205 MEMORIAL DR	Maryam Sabzevari	7149	Included in Settlement Agreement[1]
9243 KENILWORTH ST	Current Owner	7148	Included in Settlement Agreement[1]
9246 WICKFORD DR	Peter & Katherine Bielinski	7147	Included in Settlement Agreement[1]
9245 WICKFORD DR	David Lee Ronn & Ann Baker	7146	Included in Settlement Agreement[1]
9240 KENILWORTH ST	Jacob Field	7145	Included in Settlement Agreement[1]
9230 KENILWORTH ST	Current Owner	7151	Included in Settlement Agreement[1]
9220 KENILWORTH ST	Bijan Sadoughi	7155	Included in Settlement Agreement[1]
9210 KENILWORTH ST	Huy & Susan Le	7150	Included in Settlement Agreement[1]

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
9231 KENILWORTH ST	Ramon Noyola	7142	Included in Settlement Agreement[1]
9221 KENILWORTH ST	Furong Xie	7136	Included in Settlement Agreement[1]
9211 KENILWORTH ST	Bobby Jr & Binhua Poe	7135	Included in Settlement Agreement[1]
9234 WICKFORD DR	Todd Gremillion	7134	Included in Settlement Agreement[1]
9226 WICKFORD DR	Mark & Nishano Chaluparambil	7133	Included in Settlement Agreement[1]
9202 WICKFORD DR	Mark & Nishano Chaluparambil	7141	Included in Settlement Agreement[1]
9237 WICKFORD DR	David Peterson	7144	Included in Settlement Agreement[1]
9225 WICKFORD DR	Melanie Johnson	7132	Included in Settlement Agreement[1]
9201 WICKFORD DR	Thomas & Renata Demoes	7143	Included in Settlement Agreement[1]
9144 KENILWORTH ST	Richard Dole Jr	7140	Included in Settlement Agreement[1]
9120 KENILWORTH ST	Current Owner	7139	Included in Settlement Agreement[1]
9145 KENILWORTH ST	Austin Jr & Anne Routon	7138	Included in Settlement Agreement[1]
9121 KENILWORTH ST	Nancy Ann Smith	7137	Included in Settlement Agreement[1]
850 BUCKINGHAM DR	Jennifer & Joe Van Matre	7131	Included in Settlement Agreement[1]
9110 WICKFORD DR	Trinidad Mendenhall	7124	Included in Settlement Agreement[1]
9151 WICKFORD DR	Bernadette Zambrano	7130	Included in Settlement Agreement[1]
9125 WICKFORD DR	Current Owner	7123	Included in Settlement Agreement[1]
722 BUCKINGHAM DR	Juan Torres	7118	Included in Settlement Agreement[1]
9126 CHATSWORTH DR	Kenneth Wynne	7117	Included in Settlement Agreement[1]
9034 KENILWORTH ST	Susan & Huy Le	7116	Included in Settlement Agreement[1]
9014 KENILWORTH ST	Stephanie Ann Clarke	7115	Included in Settlement Agreement[1]
9010 KENILWORTH ST	Julian Gonzalez	7114	Included in Settlement Agreement[1]
9033 KENILWORTH ST	Tahir & Afia Naqvi	7129	Included in Settlement Agreement[1]
9031 KENILWORTH ST	Hassan Naghavi	7122	Included in Settlement Agreement[1]
9029 KENILWORTH ST	Keith Jaehne	7110	Included in Settlement Agreement[1]
9102 WICKFORD DR	Brian Rayburn	7121	Included in Settlement Agreement[1]
9026 WICKFORD DR	Jennifer & Alexander Butkevich	7128	Included in Settlement Agreement[1]
9020 WICKFORD DR	Stephen & Monika Degan	7127	Included in Settlement Agreement[1]
9025 WICKFORD DR	Current Owner	7126	Included in Settlement Agreement[1]
9021 WICKFORD DR	Adeyinka Bamidele Owodunni	7125	Included in Settlement Agreement[1]
9017 WICKFORD DR	Lynda Kornbleet	7120	Included in Settlement Agreement[1]
9116 CHATSWORTH DR	Anatol & Kim Feygin	7109	Included in Settlement Agreement[1]
9102 CHATSWORTH DR	Current Owner	7119	Included in Settlement Agreement[1]
9022 CHATSWORTH DR	Betsy Vaughan	7108	Included in Settlement Agreement[1]
7699 KATY FWY	Jack in the Box Properties LLC	7113	Notified During APAR[3]
7613 KATY FWY	Katy F Properties LLC	7112	Receives Sample Results Letters Dated March 27, 2023 For MW-15R[2]
7611 KATY FWY	Comm 2014 CCRE20 Katy Freeway Hotel LLC	7111	Notified During APAR[3]
310 E FRIAR TUCK LN	Weldon Granger	7269	Included in Settlement Agreement[1]
314 E FRIAR TUCK LN	Neil & Marianne Duffin	7277	Included in Settlement Agreement[1]
400 E FRIAR TUCK LN	Current Owner	7268	Included in Settlement Agreement[1]
412 E FRIAR TUCK LN	Gary & Nancy Glesby	7272	Included in Settlement Agreement[1]
424 E FRIAR TUCK LN	Raymond & Angela Krell	7265	Included in Settlement Agreement[1]
516 E FRIAR TUCK LN	Current Owner	7264	Included in Settlement Agreement[1]
9319 SANDRINGHAM DR	Patrick & Rebecca Frede	7263	Included in Settlement Agreement[1]
9301 SANDRINGHAM DR	Current Owner	7267	Included in Settlement Agreement[1]
9314 SANDRINGHAM DR	Beverly Rudy	7266	Included in Settlement Agreement[1]
306 E FRIAR TUCK LN	Ira Mitzner	7240	Included in Settlement Agreement[1]
8710 MEMORIAL DR	Current Owner	5554	Notified by Letter Dated February 28, 2022[2]

Appendix B. Summary of Residential Letter Notifications

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Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
8720 MEMORIAL DR	Current Owner	5552	Notified by Letter Dated February 28, 2022[2]
8730 MEMORIAL DR	Current Owner	5558	Notified by Letter Dated February 28, 2022[2]
8802 MEMORIAL DR	John Bazbaz	5557	Notified by Letter Dated February 28, 2022[2]
8820 MEMORIAL DR	Debbie Axelrad	5556	Notified by Letter Dated February 28, 2022[2]
8830 MEMORIAL DR	William III & Maureen Van Pelt	5555	Notified by Letter Dated February 28, 2022[2]
8840 MEMORIAL DR	Salman Gilani	5551	Notified by Letter Dated February 28, 2022[2]
8844 MEMORIAL DR	Kades Revocable Trust	5553	Included in Settlement Agreement[1]
551 PINEHAVEN DR	Thomas Augenthaler	5550	Notified by Letter Dated February 28, 2022[2]
541 PINEHAVEN DR	Carl Green Jr	5546	Notified by Letter Dated February 28, 2022[2]
531 PINEHAVEN DR	Harold Eisenman	5540	Notified by Letter Dated February 28, 2022[2]
521 PINEHAVEN DR	Deryle Mayes	5539	Notified by Letter Dated February 28, 2022[2]
503 PINEHAVEN DR	Armando Waterland	5538	Notified by Letter Dated February 28, 2022[2]
431 PINEHAVEN DR	Current Owner	5537	Notified by Letter Dated February 28, 2022[2]
421 PINEHAVEN DR	Stephen Weil	5545	Notified by Letter Dated February 28, 2022[2]
407 PINEHAVEN DR	Current Owner	5549	Notified by Letter Dated February 28, 2022[2]
331 PINEHAVEN DR	Maryam Parvizian	5544	Notified by Letter Dated February 28, 2022[2]
321 PINEHAVEN DR	Current Owner	5548	Notified by Letter Dated February 28, 2022[2]
311 PINEHAVEN DR	Current Owner	5543	Notified by Letter Dated February 28, 2022[2]
715 PINEHAVEN DR	Juan Ignacio & Dustee Fratesi Gutierrez	5531	Notified by Letter Dated June 20, 2022
711 PINEHAVEN DR	James & Peggy Nicholson	5530	Notified by Letter Dated June 20, 2022
707 PINEHAVEN DR	Chiat Koo Lim	5529	Notified by Letter Dated June 20, 2022
703 PINEHAVEN DR	Current Owner	5542	Notified by Letter Dated June 20, 2022
627 PINEHAVEN DR	Peter & Sally Gale	5547	Notified by Letter Dated June 20, 2022
623 PINEHAVEN DR	Stacy Smith	5541	Notified by Letter Dated June 20, 2022
619 PINEHAVEN DR	Winton Starling	5528	Notified by Letter Dated June 20, 2022
615 PINEHAVEN DR	Shawn & Alejandra Flores	5536	Notified by Letter Dated June 20, 2022
611 PINEHAVEN DR	Wasae & Ferozan Tabibi	5535	Notified by Letter Dated February 28, 2022[2]
607 PINEHAVEN DR	Ernest Henry III & Allison Groppe	5534	Notified by Letter Dated February 28, 2022[2]
603 PINEHAVEN DR	James & Judy Bozeman	5533	Notified by Letter Dated February 28, 2022[2]
8904 MEMORIAL DR	Silvia Camarena	5527	Included in Settlement Agreement[1]
602 PINEHAVEN DR	Current Owner	5510	Notified by Letter Dated February 28, 2022[2]
606 PINEHAVEN DR	Helen Motion	5526	Notified by Letter Dated June 20, 2022
610 PINEHAVEN DR	David & Amy RatlffR	5509	Notified by Letter Dated June 20, 2022
614 PINEHAVEN DR	RSG Development LLC	5522	Notified by Letter Dated June 20, 2022
618 PINEHAVEN DR	Dane Stewart	5521	Notified by Letter Dated June 20, 2022
702 PINEHAVEN DR	Mark Anthony & Paula Mey	5520	Notified by Letter Dated June 20, 2022
710 PINEHAVEN DR	Khyati Undavia	5519	Notified by Letter Dated June 20, 2022
714 PINEHAVEN DR	Current Owner	5508	Notified by Letter Dated June 20, 2022
8827 CHATSWORTH DR	Hamid Ebrahimy	5506	Notified by Letter Dated June 20, 2022
8821 CHATSWORTH DR	Harry & Stephanie Burritt	5514	Notified by Letter Dated June 20, 2022
8815 CHATSWORTH DR	Charles &Judith Steadman	5513	Notified by Letter Dated June 20, 2022
8809 CHATSWORTH DR	Arthur & Susanna Kieval	5512	Notified by Letter Dated June 20, 2022
8803 CHATSWORTH DR	Mark Kotlarek	5511	Notified by Letter Dated June 20, 2022
8761 CHATSWORTH DR	Darrell & Michelle Rogers	5505	Notified by Letter Dated June 20, 2022
8751 CHATSWORTH DR	Tracy Lee Dieterich	5523	Notified by Letter Dated June 20, 2022
550 PINEHAVEN DR	Zafar & Wanda Sheikh	5484	Notified by Letter Dated February 28, 2022[2]
540 PINEHAVEN DR	C R & Tiffany McMillan	5480	Notified by Letter Dated February 28, 2022[2]
530 PINEHAVEN DR	Laurence Wisniewski	5479	Notified by Letter Dated February 28, 2022[2]
520 PINEHAVEN DR	Kades Revocable Trust	5468	Notified by Letter Dated February 28, 2022[2]
502 PINEHAVEN DR	Current Owner	5472	Notified by Letter Dated February 28, 2022[2]
330 PINEHAVEN DR	David Ley	5476	Notified by Letter Dated February 28, 2022[2]
320 PINEHAVEN DR	Current Owner	5475	Notified by Letter Dated February 28, 2022[2]

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8660 MEMORIAL DR	Asaf & Tahseen Qadeer	5464	Notified by Letter Dated February 28, 2022[2]
550 PINEHAVEN DR	Zafar & Wanda Sheikh	5470	Notified by Letter Dated February 28, 2022[2]
9302 MEMORIAL DR	Jon Kirsch	6603	Included in Settlement Agreement[1]
7401 KATY FWY	First Baptist Church	3732	Receives Sample Results Letters Dated March 27, 2023 For MW-17R and MW-74[2]
7401 KATY FWY	First Baptist Chursh	3731	Receives Sample Results Letters Dated March 27, 2023 For MW-17R and MW-74[2]
7575 KATY FWY	Robert Jr & Concepcion Hawkins	2832	Included in Settlement Agreement[1]
7575 KATY FWY	William Harrell	2831	Included in Settlement Agreement[1]
7575 KATY FWY	Jessica Hong	2830	Included in Settlement Agreement[1]
7575 KATY FWY	Brigantine Holdings LL	2836	Included in Settlement Agreement[1]
7575 KATY FWY	Nancy Hassay	2835	Included in Settlement Agreement[1]
7575 KATY FWY	Harriet Hubacker	2826	Included in Settlement Agreement[1]
7575 KATY FWY	Charles Fontenot Jr	2829	Included in Settlement Agreement[1]
7575 KATY FWY	Stanley & Beverly Gore	2838	Included in Settlement Agreement[1]
7575 KATY FWY	Samantha Kamps	2837	Included in Settlement Agreement[1]
7575 KATY FWY	Sara Beth Brothers	2834	Included in Settlement Agreement[1]
7575 KATY FWY	Jesus Salinas	2833	Included in Settlement Agreement[1]
7575 KATY FWY	James Yendrey III	2828	Included in Settlement Agreement[1]
7575 KATY FWY	Charles Han	2825	Included in Settlement Agreement[1]
7575 KATY FWY	Millard Martin Jr	2827	Included in Settlement Agreement[1]
7575 KATY FWY	Kevin & Marlen Spivey	2820	Included in Settlement Agreement[1]
7575 KATY FWY	Treleta Walker	2824	Included in Settlement Agreement[1]
7575 KATY FWY	Jeremy & Candace Zenon	2823	Included in Settlement Agreement[1]
7575 KATY FWY	Luisa Gomero	2822	Included in Settlement Agreement[1]
7575 KATY FWY	Patty Wilson	2821	Included in Settlement Agreement[1]
7575 KATY FWY	Joseph Salvato	2819	Included in Settlement Agreement[1]
7575 KATY FWY	Patricia Didion	2817	Included in Settlement Agreement[1]
7575 KATY FWY	Sharon Jones	2818	Included in Settlement Agreement[1]
7575 KATY FWY	Cathryn Reed	2815	Included in Settlement Agreement[1]
7575 KATY FWY	Lok Chan	2816	Included in Settlement Agreement[1]
7575 KATY FWY	Nada Latham	2811	Included in Settlement Agreement[1]
7575 KATY FWY	Angela Wagner	2810	Included in Settlement Agreement[1]
7575 KATY FWY	Amanda Caldwell	2809	Included in Settlement Agreement[1]
7575 KATY FWY	Gay McAlister	2808	Included in Settlement Agreement[1]
7575 KATY FWY	William Stern	2813	Included in Settlement Agreement[1]
7575 KATY FWY	Kiro Andres Carranza	2807	Included in Settlement Agreement[1]
7575 KATY FWY	Jordan Hobbs	2812	Included in Settlement Agreement[1]
7575 KATY FWY	Roger & Mary Ann Bridgwater	2806	Included in Settlement Agreement[1]
7575 KATY FWY	Christopher Simpson	2814	Included in Settlement Agreement[1]
7575 KATY FWY	Allen & Dorothy Caine Living Trust	2803	Included in Settlement Agreement[1]
7575 KATY FWY	Javier Rodriguez Jr	2802	Included in Settlement Agreement[1]
7575 KATY FWY	Cesar Fernandez	2801	Included in Settlement Agreement[1]
7575 KATY FWY	Gregory Brown	2805	Included in Settlement Agreement[1]
7575 KATY FWY	Kathryn Camp	2800	Included in Settlement Agreement[1]
7575 KATY FWY	Laura Hernandez	2804	Included in Settlement Agreement[1]
7575 KATY FWY	Lori Latham	2784	Included in Settlement Agreement[1]
7575 KATY FWY	Emily Plocheck	2794	Included in Settlement Agreement[1]
7575 KATY FWY	Larry & Yunior Monita	2793	Included in Settlement Agreement[1]
7575 KATY FWY	Marcella Burgess	2792	Included in Settlement Agreement[1]

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Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
7575 KATY FWY	Jorge Rivas	2791	Included in Settlement Agreement[1]
7575 KATY FWY	Paul & Elisa Rochford	2783	Included in Settlement Agreement[1]
7575 KATY FWY	First Baptist Church Houston	2799	Included in Settlement Agreement[1]
7575 KATY FWY	Betty Davidson	2782	Included in Settlement Agreement[1]
7575 KATY FWY	Keith Williams	2798	Included in Settlement Agreement[1]
7575 KATY FWY	Gloria Fierro	2781	Included in Settlement Agreement[1]
7575 KATY FWY	Benestante Realty Group Inc	2788	Included in Settlement Agreement[1]
7575 KATY FWY	Joe Dupree	2787	Included in Settlement Agreement[1]
7575 KATY FWY	Walter & Luisa Gomero	2786	Included in Settlement Agreement[1]
7575 KATY FWY	James Watson	2785	Included in Settlement Agreement[1]
7575 KATY FWY	Beatriz Contreras	2780	Included in Settlement Agreement[1]
7575 KATY FWY	Chadwick Mitchell	2797	Included in Settlement Agreement[1]
7575 KATY FWY	Loretta Rogan	2779	Included in Settlement Agreement[1]
7575 KATY FWY	Nikki Huang	2796	Included in Settlement Agreement[1]
7575 KATY FWY	Richard Kauth	2790	Included in Settlement Agreement[1]
7575 KATY FWY	Smith Heritage Homes LLC	2789	Included in Settlement Agreement[1]
7575 KATY FWY	Roland & Christine Kyburz	2778	Included in Settlement Agreement[1]
7575 KATY FWY	Current Owner	2777	Included in Settlement Agreement[1]
7575 KATY FWY	Gerard Pusch	2795	Included in Settlement Agreement[1]
7575 KATY FWY	Steve Johng	2775	Included in Settlement Agreement[1]
7575 KATY FWY	Kitty & James Sr Gay	2770	Included in Settlement Agreement[1]
7575 KATY FWY	Daurice & Robert White	2774	Included in Settlement Agreement[1]
7575 KATY FWY	Jacqueline Killingsworth	2776	Included in Settlement Agreement[1]
7575 KATY FWY	Albert Levey Oved	2773	Included in Settlement Agreement[1]
7575 KATY FWY	Fernando & Maria Solorio	2772	Included in Settlement Agreement[1]
7575 KATY FWY	Emily & Charles Duke	2771	Included in Settlement Agreement[1]
7575 KATY FWY	Walter & Luisa Gomero	2768	Included in Settlement Agreement[1]
7575 KATY FWY	Anthony Fontenot	2769	Included in Settlement Agreement[1]
7575 KATY FWY	Logan Rawlings	2767	Included in Settlement Agreement[1]
7575 KATY FWY	juan & Josephine Alaniz	2766	Included in Settlement Agreement[1]
7575 KATY FWY	Kimberly Smith	2746	Included in Settlement Agreement[1]
7575 KATY FWY	Lauren Prestidge	2757	Included in Settlement Agreement[1]
7575 KATY FWY	Amy Lorentzen	2756	Included in Settlement Agreement[1]
7575 KATY FWY	Patrick & JoAnn Currier	2755	Included in Settlement Agreement[1]
7575 KATY FWY	Frank Jarquin	2750	Included in Settlement Agreement[1]
7575 KATY FWY	Sandra Decalderon	2745	Included in Settlement Agreement[1]
7575 KATY FWY	Gabriel Ianculovici	2765	Included in Settlement Agreement[1]
7575 KATY FWY	Cecile Omo	2744	Included in Settlement Agreement[1]
7575 KATY FWY	Christina Pavlovich	2764	Included in Settlement Agreement[1]
7575 KATY FWY	James & Donna McNabb	2760	Included in Settlement Agreement[1]
7575 KATY FWY	Charles Schwab	2759	Included in Settlement Agreement[1]
7575 KATY FWY	Luisa Gomero	2758	Included in Settlement Agreement[1]
7575 KATY FWY	Luisa Gomero	2740	Included in Settlement Agreement[1]
7575 KATY FWY	Jon Wuensch	2763	Included in Settlement Agreement[1]
7575 KATY FWY	Marcia Lu Clark	2743	Included in Settlement Agreement[1]
7575 KATY FWY	Amy Evans	2762	Included in Settlement Agreement[1]
7575 KATY FWY	Sonio Soto	2742	Included in Settlement Agreement[1]
7575 KATY FWY	Current Owner	2749	Included in Settlement Agreement[1]

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Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
7575 KATY FWY	David Varela	2748	Included in Settlement Agreement[1]
7575 KATY FWY	Marcia Lu Clark	2747	Included in Settlement Agreement[1]
7575 KATY FWY	Renee Rasking	2731	Included in Settlement Agreement[1]
7555 KATY FWY	Joanne Beethe	2730	Included in Settlement Agreement[1]
7555 KATY FWY	Maxine Elliott	2761	Included in Settlement Agreement[1]
7555 KATY FWY	First Baptist Church of Houston	2741	Included in Settlement Agreement[1]
7555 KATY FWY	Robert & Connie Schilhab	2754	Included in Settlement Agreement[1]
7555 KATY FWY	First Baptist Church of Houston	2735	Included in Settlement Agreement[1]
7555 KATY FWY	First Baptist Church of Houston	2739	Included in Settlement Agreement[1]
7555 KATY FWY	First Baptist Church of Houston	2738	Included in Settlement Agreement[1]
7555 KATY FWY	Ralph & Jane Borde	2737	Included in Settlement Agreement[1]
7555 KATY FWY	James & Sandra Bell	2736	Included in Settlement Agreement[1]
7555 KATY FWY	Milton Walters	2734	Included in Settlement Agreement[1]
7555 KATY FWY	Elizabeth Kircher	2753	Included in Settlement Agreement[1]
7555 KATY FWY	Cindy Kay Omo	2733	Included in Settlement Agreement[1]
7555 KATY FWY	Melody Munn	2752	Included in Settlement Agreement[1]
7555 KATY FWY	Christina Woods	2729	Included in Settlement Agreement[1]
7555 KATY FWY	Anthony Bond	2728	Included in Settlement Agreement[1]
7555 KATY FWY	Jeanne Bolin	2727	Included in Settlement Agreement[1]
7555 KATY FWY	Srinivas Rao	2726	Included in Settlement Agreement[1]
7555 KATY FWY	Thomas Plagens	2751	Included in Settlement Agreement[1]
7555 KATY FWY	David Jasken	2732	Included in Settlement Agreement[1]
7555 KATY FWY	Joel Cecil	2722	Included in Settlement Agreement[1]
7555 KATY FWY	B L Smith	2724	Included in Settlement Agreement[1]
7555 KATY FWY	Eugene Herrera	2721	Included in Settlement Agreement[1]
7555 KATY FWY	Pallavi & Swapan Dhairyawan	2720	Included in Settlement Agreement[1]
7555 KATY FWY	Luisa Gomero	2719	Included in Settlement Agreement[1]
7555 KATY FWY	James Parrino	2718	Included in Settlement Agreement[1]
7555 KATY FWY	Andrea & Bill White	2717	Included in Settlement Agreement[1]
7555 KATY FWY	Jacqueline So	2714	Included in Settlement Agreement[1]
7555 KATY FWY	Connee L Blake Revocable Trust	2723	Included in Settlement Agreement[1]
7555 KATY FWY	Deborah Putnam	2713	Included in Settlement Agreement[1]
7555 KATY FWY	Juan & Josephine Alaniz	2707	Included in Settlement Agreement[1]
7555 KATY FWY	Sarah Lee	2725	Included in Settlement Agreement[1]
7555 KATY FWY	Andrew Childress	2710	Included in Settlement Agreement[1]
7555 KATY FWY	Gwen & Andrew Childress	2709	Included in Settlement Agreement[1]
7555 KATY FWY	Klaudya Jimenez	2708	Included in Settlement Agreement[1]
7555 KATY FWY	Carolyn Seely	2706	Included in Settlement Agreement[1]
7555 KATY FWY	Disa Pierce	2712	Included in Settlement Agreement[1]
7555 KATY FWY	John Laboy	2705	Included in Settlement Agreement[1]
7555 KATY FWY	Current Owner	2711	Included in Settlement Agreement[1]
7555 KATY FWY	Rhonda Miller	2716	Included in Settlement Agreement[1]
7555 KATY FWY	Sandra Hachem	2715	Included in Settlement Agreement[1]
7555 KATY FWY	Tsai Yun Y Trustee	2704	Included in Settlement Agreement[1]
7555 KATY FWY	Ky & Kim Nguyen	2703	Included in Settlement Agreement[1]
7555 KATY FWY	J K Besig	2701	Included in Settlement Agreement[1]
7555 KATY FWY	Sallye Kay Berry	2697	Included in Settlement Agreement[1]
7555 KATY FWY	Rusty Boutte	2700	Included in Settlement Agreement[1]

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7555 KATY FWY	Sharon Steward	2696	Included in Settlement Agreement[1]
7555 KATY FWY	Robert Mueller	2699	Included in Settlement Agreement[1]
7555 KATY FWY	Tatiana Velasquez	2698	Included in Settlement Agreement[1]
7555 KATY FWY	Sue Field	2691	Included in Settlement Agreement[1]
7555 KATY FWY	Valdeane Wainwright	2690	Included in Settlement Agreement[1]
7555 KATY FWY	Estate of Midred C Vogt	2689	Included in Settlement Agreement[1]
7555 KATY FWY	Nancy Nguyen	2694	Included in Settlement Agreement[1]
7555 KATY FWY	Daniel & Laurie Hassay	2695	Included in Settlement Agreement[1]
7555 KATY FWY	Carolyn Sue Seely	2693	Included in Settlement Agreement[1]
7555 KATY FWY	Joe & Donna Adams	2676	Included in Settlement Agreement[1]
7555 KATY FWY	Connie Lewis	2702	Included in Settlement Agreement[1]
7555 KATY FWY	Kseniya Kharitonova	2688	Included in Settlement Agreement[1]
7555 KATY FWY	Christine Chaytor	2687	Included in Settlement Agreement[1]
7555 KATY FWY	Cliff & Lise Beckmeier	2686	Included in Settlement Agreement[1]
7555 KATY FWY	Smith Heritage Homes LLC	2675	Included in Settlement Agreement[1]
7555 KATY FWY	Denys Ortega-Herrera Family Trust	2692	Included in Settlement Agreement[1]
7555 KATY FWY	Steven Sabanos	2674	Included in Settlement Agreement[1]
7555 KATY FWY	Graham Everett	2684	Included in Settlement Agreement[1]
7555 KATY FWY	Blackwood Properties LLC	2680	Included in Settlement Agreement[1]
7555 KATY FWY	Lauern Tarlton	2679	Included in Settlement Agreement[1]
7555 KATY FWY	Cynthia Harrall	2678	Included in Settlement Agreement[1]
7555 KATY FWY	Brett & Carolyn Douglass	2677	Included in Settlement Agreement[1]
7555 KATY FWY	Walter & Luisa Gomero	2683	Included in Settlement Agreement[1]
7555 KATY FWY	Louis Jr & Jennifer Cardenas	2673	Included in Settlement Agreement[1]
7555 KATY FWY	Cynthia Strech	2682	Included in Settlement Agreement[1]
7555 KATY FWY	Elizabeth Ribera	2672	Included in Settlement Agreement[1]
7555 KATY FWY	Swapan & Pallavi Dhairyawan	2681	Included in Settlement Agreement[1]
7555 KATY FWY	Alexandria Toledo	2685	Included in Settlement Agreement[1]
7555 KATY FWY	Margaret Tyerina	2671	Included in Settlement Agreement[1]
8938 CHATSWORTH DR	Kelley Joseph	2665	Included in Settlement Agreement[1]
8940 CHATSWORTH DR	Susan Myers	2664	Included in Settlement Agreement[1]
8942 CHATSWORTH DR	Patricia Daly	2663	Included in Settlement Agreement[1]
8944 CHATSWORTH DR	Walter & Donna Keller	2661	Included in Settlement Agreement[1]
8946 CHATSWORTH DR	Clyde & Pamela Jackson	2670	Included in Settlement Agreement[1]
8948 CHATSWORTH DR	Charles Reid	2660	Included in Settlement Agreement[1]
8950 CHATSWORTH DR	M 31 Holdings LLC Series 8950	2669	Included in Settlement Agreement[1]
8952 CHATSWORTH DR	Charles & Debra Robinson	2667	Included in Settlement Agreement[1]
8954 CHATSWORTH DR	Brian & Tracey Gabbard	2666	Included in Settlement Agreement[1]
8956 CHATSWORTH DR	Matthew Benton	2659	Included in Settlement Agreement[1]
8958 CHATSWORTH DR	Jeff Petersen	2658	Included in Settlement Agreement[1]
8960 CHATSWORTH DR	Jacqueline Dunn	2668	Included in Settlement Agreement[1]
8962 CHATSWORTH DR	Azita Sadri	2655	Included in Settlement Agreement[1]
8964 CHATSWORTH DR	Luisa Chopra	2662	Included in Settlement Agreement[1]
8966 CHATSWORTH DR	Donna Fox	2654	Included in Settlement Agreement[1]
8968 CHATSWORTH DR	Joyce Pfeil	2657	Included in Settlement Agreement[1]
8970 CHATSWORTH DR	Shivi Awasthi	2653	Included in Settlement Agreement[1]
8972 CHATSWORTH DR	Rex & Grisseld Roberts	2652	Included in Settlement Agreement[1]
8974 CHATSWORTH DR	Christine Salinas	2651	Included in Settlement Agreement[1]

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8976 CHATSWORTH DR	Emily Wilkinson	2650	Included in Settlement Agreement[1]
8978 CHATSWORTH DR	Daniel Zabihi	2656	Included in Settlement Agreement[1]
8980 CHATSWORTH DR	Gary & Melissa Rickenbacher	2644	Included in Settlement Agreement[1]
8982 CHATSWORTH DR	Rebecca Stroud	2648	Included in Settlement Agreement[1]
8984 CHATSWORTH DR	Milton Henry Fried III	2643	Included in Settlement Agreement[1]
8988 CHATSWORTH DR	Current Owner	2649	Included in Settlement Agreement[1]
8912 CHATSWORTH DR	Nathaniel & Stephanie Poe	2641	Included in Settlement Agreement[1]
8914 CHATSWORTH DR	Justin & Karen Williams	2640	Included in Settlement Agreement[1]
8916 CHATSWORTH DR	Dulce Jimenez	2639	Included in Settlement Agreement[1]
8918 CHATSWORTH DR	Pravin & Kanta Undavia	2642	Included in Settlement Agreement[1]
8920 CHATSWORTH DR	Kristin Liedtke BLL GST Trust	2647	Included in Settlement Agreement[1]
8922 CHATSWORTH DR	Frank Pena	2637	Included in Settlement Agreement[1]
8924 CHATSWORTH DR	Zacrey Hewett	2638	Included in Settlement Agreement[1]
8926 CHATSWORTH DR	Barbara McCall	2646	Included in Settlement Agreement[1]
8928 CHATSWORTH DR	Christine Purvis	2645	Included in Settlement Agreement[1]
8930 CHATSWORTH DR	Randall Vines	2635	Included in Settlement Agreement[1]
8932 CHATSWORTH DR	David & Dianne Demarest	2634	Included in Settlement Agreement[1]
8936 CHATSWORTH DR	John III & Hand Phelps	2633	Included in Settlement Agreement[1]
8934 CHATSWORTH DR	Mohammad Khairandish	2636	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Ronald & Jacqueline Robins	2263	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Julie Hodges	2262	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Eberhard & Nancy Lotze	2261	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Dorwayne Avery	2255	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Ann Burdine	2260	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Saeed Ahmadi	2264	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Steven & Suzanne Harter	2259	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jane Freeman	2249	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Roger & Estella Stern	2258	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Joseph & Yolanda Ryan	2257	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Karina Munoz	2256	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Phillips & Barbara Champion	2244	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Ladan Bina	2248	Included in Settlement Agreement[1]
9333 MEMORIAL DR	John & Debbie Robinson	2230	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Alfred Jr & Midred Sanders	2247	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Annette Waits	2229	Included in Settlement Agreement[1]
9333 MEMORIAL DR	9333 Memorial 205 LLC	2246	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Fanet Soifer	2254	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Lawrence III Dare O'Donnell	2253	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Rodrigo Lebois	2252	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Mahin Sadre Mashayekh	2251	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Peter & Carol Tesarek	2245	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Richard & Diane Montegut	2228	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Henry Giessel	2217	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Maria De Budib	2227	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jerry & Rowena Mohn	2243	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Henry & Karen Stouse	2242	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jerry Dietrich	2241	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Emma & Barbara Dealba	2240	Included in Settlement Agreement[1]

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
9333 MEMORIAL DR	Richard Slemaker III	2226	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Current Owner	2216	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jane Garth	2225	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jonathan & Pamela Crystal	2215	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Katherine Drew	2250	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Linda Sandler	2221	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Jose Funtanet	2220	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Babu Surendran	2219	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Cumberland LTD	2218	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Anne Schwinger	2224	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Memorial 312 LLC	2214	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Pan Pacific International LTD	2223	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Memorial 314 LLC	2213	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Menkure LTD	2239	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Memorial 316 LLC	2238	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Iqnacio & Monica Reyes	2237	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Cindy Lau	2236	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Farzad Askari	2212	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Mary Ellen Wilson	2222	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Edwin Patterson	2211	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Richard & Andrea Ring	2210	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Ursula Gambini	2205	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Riley Mineral Interests LLC	2204	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Fernanda Aja Maria	2203	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Riley Mineral Interests LLC	2202	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Memorial 410 LL	2209	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Sally Moseley	2207	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Barbara Goedecke	2208	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Juan Kuri	2206	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Memorial 414 LLC	2235	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Nelda Jean Clark	2234	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Current Owner	2233	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Joan Miers	2232	Included in Settlement Agreement[1]
9333 MEMORIAL DR	Roy & Rosemary Clements	2231	Included in Settlement Agreement[1]
8899 SANDRINGHAM DR	Douglas & Cathleen Reynolds	1924	Included in Settlement Agreement[1]
8877 SANDRINGHAM DR	Current Owner	1925	Included in Settlement Agreement[1]
303 SADDLEBRANCH CT	LLI & Prestige Builders Ventures LLC	1538	Notified by Letter Dated February 28, 2022[2]
311 SADDLEBRANCH CT	Enrique Javier Loya	1537	Notified by Letter Dated February 28, 2022[2]
310 SADDLEBRANCH CT	Salim Zakhem	1536	Notified by Letter Dated February 28, 2022[2]
306 SADDLEBRANCH CT	Current Owner	1535	Notified by Letter Dated February 28, 2022[2]
302 SADDLEBRANCH CT	Dodd & Elena Hackman	1531	Notified by Letter Dated February 28, 2022[2]
303 LODGE HOLLOW CT	Vincent & Eunice Ebuh	1534	Notified by Letter Dated February 28, 2022[2]
307 LODGE HOLLOW CT	Alan Rosen	1532	Notified by Letter Dated February 28, 2022[2]
311 LODGE HOLLOW CT	Hannover Estates LTD	1533	Notified by Letter Dated April 20, 2022
310 LODGE HOLLOW CT	Kathryn Oliver	1529	Notified by Letter Dated February 28, 2022[2]
306 LODGE HOLLOW CT	Harry & Antje Gee	1526	Notified by Letter Dated February 28, 2022[2]
302 LODGE HOLLOW CT	Shirley Morgan	1525	Notified by Letter Dated February 28, 2022[2]
303 GABLE LODGE CT	Current Owner	1524	Notified by Letter Dated February 28, 2022[2]

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
307 GABLE LODGE CT	Sherry Menger	1523	Notified by Letter Dated February 28, 2022[2]
306 GABLE LODGE CT	Dale & Carolyn Fridley	1528	Notified by Letter Dated February 28, 2022[2]
302 GABLE LODGE CT	Perry & Cynthia Forrester	1530	Notified by Letter Dated April 20, 2022
0 STABLEWOOD BL	Stablewood LTD Partnership	1527	Receives Sample Results Letters Dated March 27, 2023 For MW-97, MW-98, and MW-168[2]
303 SADDLEBRANCH CT	Current Owner	7727	Notified by Letter Dated February 28, 2022[2]
8731 CRESCENT GATE LN	Current Owner	1522	Notified by Letter Dated February 28, 2022[2]
8727 CRESCENT GATE LN	Current Owner	1521	Notified by Letter Dated February 28, 2022[2]
8723 CRESCENT GATE LN	Larry Buryakovsky	1520	Notified by Letter Dated February 28, 2022[2]
8719 CRESCENT GATE LN	Adan & Gladys Vega	1519	Notified by Letter Dated February 28, 2022[2]
8715 CRESCENT GATE LN	Robert Jr & Gail Gray	1518	Notified by Letter Dated February 28, 2022[2]
8711 CRESCENT GATE LN	Azzam Management Trust	1517	Notified by Letter Dated February 28, 2022[2]
8714 STABLE CREST BLVD	Richard & Michele Kearns	1508	Notified by Letter Dated February 28, 2022[2]
8718 STABLE CREST BLVD	Robert III & Tracy Herrin	1507	Notified by Letter Dated February 28, 2022[2]
8722 STABLE CREST BLVD	Craig Freedman	1506	Notified by Letter Dated February 28, 2022[2]
8726 STABLE CREST BLVD	Lev & Irene Bleyzer	1512	Notified by Letter Dated February 28, 2022[2]
0 STABLEWOOD BL	Stablewood Property Owner Assoc	1484	Receives Sample Results Letters Dated March 27, 2023 For MW-97, MW-98, and MW-168[2]
8719 STABLE CREST BLVD	Joseph Greenberg	1463	Notified by Letter Dated February 28, 2022[2]
8723 STABLE CREST BLVD	Bobby Jr & Teresa Lester	1454	Notified by Letter Dated February 28, 2022[2]
8727 STABLE CREST BLVD	Current Owner	1451	Notified by Letter Dated February 28, 2022[2]
8803 STABLE CREST BLVD	Matthew & Ellen Shaffer	1446	Notified by Letter Dated February 28, 2022[2]
8807 STABLE CREST BLVD	Candace & Gerald Schlief	1445	Notified by Letter Dated February 28, 2022[2]
8811 STABLE CREST BLVD	Chantalle Wong	1444	Notified by Letter Dated April 20, 2022
8815 STABLE CREST BLVD	Fred Haas	1443	Notified by Letter Dated February 28, 2022[2]
8814 STABLE CREST BLVD	Michael & Dru Cone	1429	Notified by Letter Dated February 28, 2022[2]
8818 STABLE CREST BLVD	Fred III & Monica Benton	1434	Notified by Letter Dated February 28, 2022[2]
8822 STABLE CREST BLVD	Carl & Lois Davis	1428	Notified by Letter Dated February 28, 2022[2]
8847 STABLE LN	Current Owner	1426	Notified by Letter Dated February 28, 2022[2]
8843 STABLE LN	Stephen Koh	1419	Notified by Letter Dated February 28, 2022[2]
8835 STABLE LN	MIPS Investments LLC	1425	Notified by Letter Dated February 28, 2022[2]
8831 STABLE LN	Current Owner	1424	Notified by Letter Dated February 28, 2022[2]
8802 STABLE CREST BLVD	Paraffine Partners LTD	1423	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
8806 STABLE CREST BLVD	Paraffine Partners LTD	1417	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
8810 STABLE CREST BLVD	Paraffine Partners LTD	1416	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
0 STABLE LN	Paraffine Partners LTD	1415	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
0 STABLE LN	Paraffine Partners LTD	1418	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
0 STABLE LN	Paraffine Partners LTD	1414	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
0 STABLE LN	Paraffine Partners LTD	1413	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
8842 STABLE LN	Current Owner	1410	Notified by Letter Dated February 28, 2022[2]
8834 STABLE LN	Randall & Gail Gibbs	1408	Notified by Letter Dated February 28, 2022[2]
8830 STABLE LN	Masoud & Sima Ladjevardian	1407	Notified by Letter Dated February 28, 2022[2]
8750 CRESCENT GATE LN	Paraffine Partners LTD	1412	Former Location of South Treatment System, Received Sample Results Letters For MW-173[4]
7600 KATY FWY	HCL Marqe LLC	1016	Onsite Property, Receives Sample Results Letters Dated March 27, 2023 For MW-65 and MW-108 Through MW-113[2]
7600 KATY FWY	HCL Marqe LLC	1009	Onsite Property, Receives Sample Results Letters Dated March 27, 2023 For MW-65 and MW-108 Through MW-113[2]
1 WINSTON WOODS DR	Current Owner	1399	Included in Settlement Agreement[1]
2 WINSTON WOODS DR	Richard & Juanita Francis	1398	Included in Settlement Agreement[1]
3 WINSTON WOODS DR	Ishaque & Bushra Khalil	1397	Included in Settlement Agreement[1], Recives Sample Results Letters Dated March 27, 2023 For MW-106[2]

Appendix B. Summary of Residential Letter Notifications

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

Property Address or Location	Property Owner Name	Figure 1 Reference ID	Comment
4 WINSTON WOODS DR	Herbert & Mimi Levine	1396	Included in Settlement Agreement[1]
5 WINSTON WOODS DR	Randal & Jill Hendricks	1395	Included in Settlement Agreement[1]
6 WINSTON WOODS DR	Patrick Nolan	1394	Included in Settlement Agreement[1]
7 WINSTON WOODS DR	Jeffrey & Rebecca Parsons	1393	Included in Settlement Agreement[1]
8 WINSTON WOODS DR	David Peacock	1388	Included in Settlement Agreement[1]
7 WINSTON WOODS DR	Winston Woods Corp	1392	Included in Settlement Agreement[1]
9009 WICKFORD DR	Kennedy & Nnenna Nwabuoku	1374	Included in Settlement Agreement[1]
8846 STABLE LN	Joe Davis	1635	Notified by Letter Dated February 28, 2022[2]
7625 KATY FWY	Silber Hospitality LLC	1261	Notified by Letter Dated December 15, 2022[6]
9019 CHATSWORTH DR	Scott & Judith Zivley	1257	Included in Settlement Agreement[1]
9125 CHATSWORTH DR	DLK Real Estate LLC	1244	Included in Settlement Agreement[1]
8906 MEMORIAL DR	Gregory Kary	1606	Included in Settlement Agreement[1]
9025 SANDRINGHAM DR	Robert & Barbara Zorich	1236	Included in Settlement Agreement[1]
1118 SILBER RD	Wal-Mart Real Estate Business Trust	803	Onsite Property, Receives Sample Results Letters Dated March 27, 2023 For MW-50R[2]
7450 OLD KATY RD	Awty International School	347	Received Sample Results Letters For MW-02(S) and MW-130[5]
104 FARISH CIR	John Chaney	2	Notified by Letter Dated January 6, 2023[6]
701 N POST OAK RD	**AlphaEquity LLC & Belridgenvestment LP & Primridge LLC**	**7545**	**Notified by Letter Dated March 27, 2023[2]**
527 BUCKINGHAM DR	**David & Roseangela Capobianco**	**7178**	**Notified by Letter Dated March 27, 2023[2]**
8869 CHATSWORTH DR	**Winthrop C & Cristi Harvey**	**5525**	**Notified by Letter Dated March 27, 2023[2]**
8760 CHATSWORTH DR	**Joyce A & William G Lott**	**5492**	**Notified by Letter Dated March 27, 2023[2]**
8750 CHATSWORTH DR	**Joyce A & William G Lott**	**5491**	**Notified by Letter Dated March 27, 2023[2]**
8746 CHATSWORTH DR	**Keith Jr & Sandra L Chunn**	**5490**	**Notified by Letter Dated March 27, 2023[2]**
645 N POST OAK LN #645	**Current Owner**	**4782**	**Notified by Letter Dated March 27, 2023[2]**
647 N POST OAK LN # 647	**Olga Elizabeth Chavanelle**	**4785**	**Notified by Letter Dated March 27, 2023[2]**
649 N POST OAK LN	**David & Ann Caven**	**4784**	**Notified by Letter Dated March 27, 2023[2]**
695 N POST OAK LN # 695	**Kelly & Matthew Drum**	**4758**	**Notified by Letter Dated March 27, 2023[2]**
697 N POST OAK LN # 697	**Michael T & Lynda P Breazeale**	**4765**	**Notified by Letter Dated March 27, 2023[2]**
699 N POST OAK LN # 699	**Leticia B Loya**	**4764**	**Notified by Letter Dated March 27, 2023[2]**
8614 FONTAINBLEU ST	**Marjorie Partin**	**4534**	**Notified by Letter Dated March 27, 2023[2]**
8618 FONTAINBLEU ST	**Mildred Robertson Marks**	**4533**	**Notified by Letter Dated March 27, 2023[2]**
8622 FONTAINBLEU ST	**Jeffrey L & Marjorie Ward**	**4538**	**Notified by Letter Dated March 27, 2023[2]**
8623 FONTAINBLEU ST	**Ronald & Victoria Bryant**	**4532**	**Notified by Letter Dated March 27, 2023[2]**
8615 FONTAINBLEU ST	**Cindy Y Wu**	**4537**	**Notified by Letter Dated March 27, 2023[2]**
8619 FONTAINBLEU ST	**Shu Y Wu**	**4531**	**Notified by Letter Dated March 27, 2023[2]**

Notes:

Bold and shaded properties are new notifications based on updated 2023 PCLE zone.

[1] *Approved Amended Settlement Agreement, Ricardo and Debra Valice v. Cameron Iron Works, Inc., Cooper Industries, Inc. and Cooper Cameron Corp* . Cause No. 2002-31531. February 12, 2007.

[2] CH2M HILL Engineers, Inc. 2023. *2022 Response Action Effectiveness Report, Voluntary Cleanup Program No. 221, Former Cameron Iron Works Facility, 1000 Silber Road, Houston, Texas.* March.

[3] Environmental Resources Management. 2001. *Affected Property Assessment Report* . October.

[4] CH2M HILL Engineers, Inc. 2021. *2020 Response Action Effectiveness Report, Voluntary Cleanup Program No. 221, Former Cameron Iron Works Facility, 1000 Silber Road, Houston, Texas* . March.

[5] CH2M HILL Engineers, Inc. 2017. *2016 Response Action Effectiveness Report, Voluntary Cleanup Program No. 221, Former Cameron Iron Works Facility, 1000 Silber Road, Houston, Texas* . March.

[6] Cameron International Corporation. 2023. *Response to TCEQ Comments Letter dated October 24, 2022* . January 24.

APAR = Affected Property Assessment Report

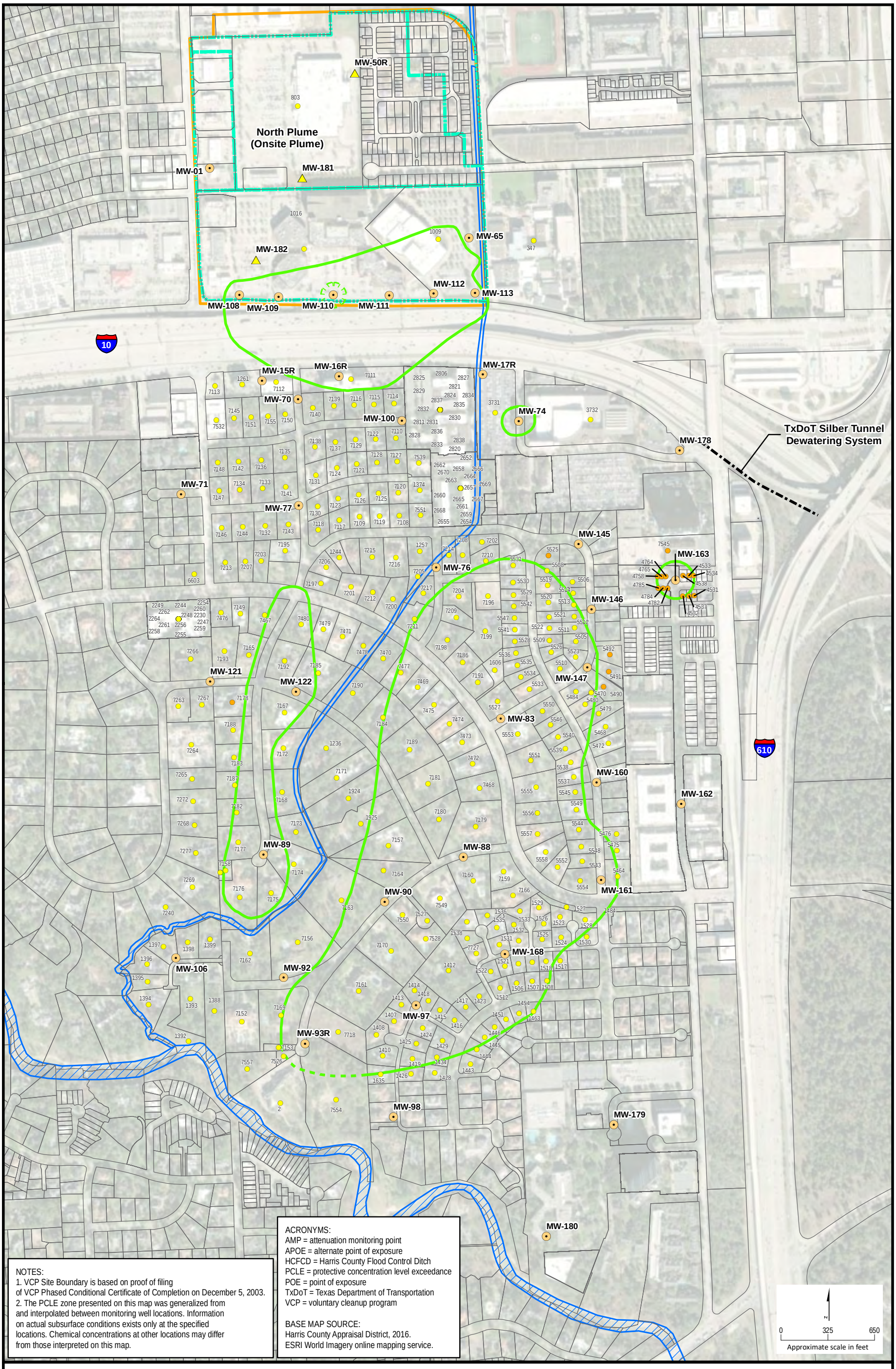

Figure 1.
Property Owner Notification Letter Information
Former Cameron Iron Works Facility,
Houston, TX

CH2M HILL Engineers, Inc.

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Appendix C
Data Usability Summary and Groundwater Analytical Laboratory Reports

APPENDIX C

Data Usability Summary

Annual Sampling Event
2022 Response Action Effectiveness Report
Voluntary Cleanup Program No. 221
Former Cameron Iron Works Facility
1000 Silber Road, Houston, Texas

A CH2M HILL Engineers, Inc. (CH2M) project chemist reviewed four data packages from Eurofins Houston of Stafford, Texas, for the analysis of groundwater and surface water samples collected December 14 to 19, 2022, and January 3, 2023, at the Former Cameron Silber Road Facility in Houston, Texas (site).

Data were reviewed for conformance to the requirements of the Texas Commission on Environmental Quality guidance document, *Review and Reporting of COC Concentration Data Under TRRP* (RG-366/Texas Risk Reduction Program [TRRP]-13), and adherence to project objectives.

CH2M asserts that, at the time the laboratory data were generated for the project, the laboratory was accredited by the National Environmental Laboratory Accreditation Conference under the Texas Laboratory Accreditation Program for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of the laboratory's National Environmental Laboratory Accreditation Program certificates (applicable to the period during which the laboratory generated the data in this report) is included with this data usability summary (DUS).

Intended Use of Data: The laboratory data included in this report provide information on concentrations of the chemicals of concern in the groundwater and surface water at the site to support the preparation of the 2022 Response Action Effectiveness Report.

The following analysis was performed:

- SW-846 5030/8260D—Volatile Organic Compounds (VOCs) by Gas Chromatography/Mass Spectrometry (GC/MS)

Data were reviewed and validated as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13). The results of the review and validation are discussed in this DUS. The following laboratory submittals were examined:

- Reportable data
- Laboratory review checklists (LRCs) and associated exception reports (ERs)
- Field notes with respect to field instrument calibrations, filtering procedures, sampling procedures, and preservation procedures before shipping the samples to the laboratory

The results of supporting quality control (QC) analyses were summarized in the LRCs, ERs, and case narratives.

The LRCs, associated ERs, and reportable data that were reviewed are included with this DUS.

Introduction

Forty-one groundwater samples and six surface water samples were analyzed for VOCs. Field QC samples analyzed included five field duplicates, three trip blanks, and one equipment rinsate blank/ambient blank. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

Table 1. Cross-referenced Field Sample Identifications and Laboratory Identifications
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Laboratory Identification	Matrix	Date Collected
TB-01-12142022	860-39419-1	Water	12/14/2022
EB-01-12152022	860-39419-2	Water	12/15/2022
MW-178-12142022	860-39419-3	Water	12/14/2022
MW-74-12142022	860-39419-4	Water	12/14/2022
MW-17R-12142022	860-39419-5	Water	12/14/2022
MW-15R-20142022	860-39419-6	Water	12/14/2022
MW-100-12142022	860-39419-7	Water	12/14/2022
MW-70-12142022	860-39419-8	Water	12/14/2022
MW-112-12142022	860-39419-9	Water	12/14/2022
MW-181-12142022	860-39419-10	Water	12/14/2022
MW-110-12142022	860-39419-11	Water	12/14/2022
MW-111-12142022	860-39419-12	Water	12/14/2022
MW-109-12142022	860-39419-13	Water	12/14/2022
MW-108-12142022	860-39419-14	Water	12/14/2022
MW-182-12142022	860-39419-15	Water	12/14/2022
MW-01-12142022	860-39419-16	Water	12/14/2022
MW-50R-12142022	860-39419-17	Water	12/14/2022
MW-65-12142022	860-39419-18	Water	12/14/2022
MW-113-12142022	860-39419-19	Water	12/14/2022
FD-01-12142022	860-39419-20	Water	12/14/2022
FD-02-12142022	860-39419-21	Water	12/14/2022
TB-02-12152022	860-39419-22	Water	12/15/2022
MW-106-12152022	860-39419-23	Water	12/15/2022
MW-92-12152022	860-39419-24	Water	12/15/2022

Table 1. Cross-referenced Field Sample Identifications and Laboratory Identifications
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Laboratory Identification	Matrix	Date Collected
MW-88-12152022	860-39419-25	Water	12/15/2022
MW-90-12152022	860-39419-26	Water	12/15/2022
MW-98-12152022	860-39419-27	Water	12/15/2022
MW-97-12152022	860-39419-28	Water	12/15/2022
MW-168-12152022	860-39419-29	Water	12/15/2022
MW-179-12152022	860-39419-30	Water	12/15/2022
MW-89-12152022	860-39419-31	Water	12/15/2022
MW-83-12152022	860-39419-32	Water	12/15/2022
MW-122-12152022	860-39419-33	Water	12/15/2022
MW-16R-12152022	860-39419-34	Water	12/15/2022
FD-03-12152022	860-39419-35	Water	12/15/2022
FD-04-12152022	860-39419-36	Water	12/15/2022
FD-05-12152022	860-39419-37	Water	12/15/2022
TB-01-12162022	860-39483-1	Water	12/16/2022
MW-93R-12162022	860-39483-2	Water	12/16/2022
MW-161-12162022	860-39483-3	Water	12/16/2022
MW-160-12162022	860-39483-4	Water	12/16/2022
MW-162-12162022	860-39483-5	Water	12/16/2022
MW-147-12162022	860-39483-6	Water	12/16/2022
MW-146-12162022	860-39483-7	Water	12/16/2022
MW-121-12162022	860-39483-8	Water	12/16/2022
MW-71-12162022	860-39483-9	Water	12/16/2022
MW-76-12162022	860-39483-10	Water	12/16/2022
MW-163-12162022	860-39483-11	Water	12/16/2022
SWD-20-12162022	860-39483-12	Water	12/16/2022
FD-06-12162022	860-39483-13	Water	12/16/2022
SWD-18-12192022	860-39582-1	Water	12/19/2022
SWD-17-12192022	860-39582-2	Water	12/19/2022

Table 1. Cross-referenced Field Sample Identifications and Laboratory Identifications
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Laboratory Identification	Matrix	Date Collected
SWD-15-12192022	860-39582-3	Water	12/19/2022
SWD-14-12192022	860-39582-4	Water	12/19/2022
SWD-12-12192022	860-39582-5	Water	12/19/2022
Trip Blank	860-39582-6	Water	12/19/2022
TB01-01032023	860-40277-1	Water	1/3/2023
MW77-01032023	860-40277-2	Water	1/3/2023
MW180-01032023	860-40277-3	Water	1/3/2023

Project Measurement Quality Objectives

Organic analytes:

- Laboratory control sample (LCS)/laboratory control sample duplicate (LCSD) recoveries and matrix spike (MS)/matrix spike duplicate (MSD) recoveries within 60 to 140 percent or laboratory control limits if more restrictive
- LCS/LCSD relative percent differences (RPDs) and MS/MSD RPDs less than or equal to 25 percent
- Sample and field duplicate RPD less than or equal to 30 percent or plus or minus 2 times the method quantitation limit (MQL) if concentrations are less than 5 times MQL
- Completeness greater than or equal to 95 percent

Data Review and Validation Results

Analytical Results

Nondetected results are reported as less than the sample detection limit as defined by the TRRP rule. Table 2 lists data qualified during the data validation process.

Table 2. Qualified Analytical Data
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Analytical Method	Analyte	Result	Units	Qualification	Reason for Qualification
MW-113-12142022	SW8260D	Tetrachloroethene	0.0979	mg/L	J	Analyte recovered high in MS and low in MSD with RPD outside criteria
FD-05-12152022	SW8260D	Tetrachloroethene	0.0813	mg/L	J	Field duplicate RPD > 30%
FD-05-12152022	SW8260D	1,1-Dichloroethene	0.104	mg/L	J	Field duplicate RPD > 30%
MW-83-12152022	SW8260D	Tetrachloroethene	0.117	mg/L	J	Field duplicate RPD > 30%
MW-83-12152022	SW8260D	1,1-Dichloroethene	0.142	mg/L	J	Field duplicate RPD > 30%

J = Estimated data; the reported sample concentration is approximated due to exceedance of one or more QC requirements.
mg/L = milligram(s) per liter

Preservation and Holding Times

Samples were evaluated for agreement with the chain-of-custody documentation. All samples were received in the appropriate containers and in good condition with proper completion of the chain-of-custody documentation. One cooler was reported with a receipt temperature of 12.9 degrees Celsius (°C), but it was received at the laboratory on the same day as collected and was on ice to indicate that the chilling process had begun so no data qualification was required. One cooler was reported with a receipt temperature of 1.1°C, but no samples were compromised. Sample receipt temperatures for all other coolers were within the acceptance criteria of 4°C $\pm$ 2°C. Samples were preserved as specified in SW-846 Tables 2-40(A) and 2-40(B). Samples were prepared and analyzed within holding times specified in SW-846 Tables 2-40(A) and 2-40(B).

Calibrations and Tunes

According to the LRCs and case narratives, initial calibrations and continuing calibration verification met SW-846 method requirements. The LRCs also document satisfactory instrument performance calibrations (GC/MS tunes) for the GC/MS analysis (VOCs).

Blanks

No target analytes were detected in any laboratory blanks, trip blanks, or equipment blanks.

Internal Standard Recoveries and Surrogate Recoveries

Surrogate recoveries were within acceptance criteria. According to the LRCs and case narratives, internal standard areas were within SW-846 method acceptance criteria.

Laboratory Control Samples

LCSs and LCSDs were spiked with the target analytes of interest for the analytical methods. LCS and LCSD recoveries and RPDs were within acceptance criteria.

Matrix Spike and Matrix Spike Duplicates

MS/MSDs were spiked with target analytes of interest for the analytical methods.

Tetrachloroethene was recovered at greater than the upper control limit in the MS performed on MW-113-12142022 and at less than the lower control limit in the MSD, with an RPD outside criteria at 34 percent; therefore, the tetrachloroethene detection in MW-113-12142022 was qualified as estimated (J). Other MS/MSD recoveries and RPDs were within acceptance criteria.

Field Precision

Table 3 summarizes field duplicate precision calculations. Field duplicate precision was not calculated for results where both the normal and field duplicate results were reported as not detected (U). Based on the RPDs between the concentrations detected and the proximity of the concentrations to the MQL, overall field duplicate precision was within project acceptance criteria except for the 1,1-dichloroethane and tetrachloroethene results in MW-83-12152022 and its field duplicate FD-05-12152022, which were qualified as estimated (J) due to field duplicate imprecision.

Field Procedures

Samples were collected following standard operating procedures detailed in the project sampling instructions.

Table 3. Field Precision
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Analyte	Sample Result	Duplicate Result	MQL	RPD[a]	Qualified
MW-97-12152022 / FD-03-12152022	1,1-Dichloroethane	0.006	0.00554	0.001	8.0%	A
MW-97-12152022 / FD-03-12152022	1,1-Dichloroethene	0.0378	0.0347	0.001	8.6%	A
MW-97-12152022 / FD-03-12152022	1,2-Dichloroethane	0.0013	< 0.00059	0.001	75.1%	A
MW-97-12152022 / FD-03-12152022	cis-1,2-Dichloroethene	0.00707	0.00647	0.001	8.9%	A
MW-97-12152022 / FD-03-12152022	Tetrachloroethene	0.205	0.176	0.005	15.2%	A
MW-97-12152022 / FD-03-12152022	Trichloroethene	0.0228	0.0223	0.005	2.2%	A
MW-89-12152022 / FD-04-12152022	1,1-Dichloroethane	0.0118	0.0146	0.001	21.2%	A
MW-89-12152022 / FD-04-12152022	1,1-Dichloroethene	0.254	0.265	0.005	4.2%	A
MW-89-12152022 / FD-04-12152022	1,2-Dichloroethane	0.00353	0.00328	0.001	7.3%	A

Table 3. Field Precision
Data Usability Summary
Former Cameron Iron Works Facility, Houston, Texas

Field Identification	Analyte	Sample Result	Duplicate Result	MQL	RPD[a]	Qualified
MW-89-12152022 / FD-04-12152022	cis-1,2-Dichloroethene	0.00246	0.00291	0.001	16.8%	A
MW-89-12152022 / FD-04-12152022	Tetrachloroethene	0.00139	0.00164	0.001	16.5%	A
MW-89-12152022 / FD-04-12152022	Trichloroethene	0.0218	0.0242	0.005	10.4%	A
MW-83-12152022 / FD-05-12152022	1,1-Dichloroethane	0.0193	0.0169	0.001	13.3%	A
MW-83-12152022 / FD-05-12152022	1,1-Dichloroethene	0.142	0.104	0.001	30.9%	J
MW-83-12152022 / FD-05-12152022	1,2-Dichloroethane	0.00142	0.00129	0.001	9.6%	A
MW-83-12152022 / FD-05-12152022	cis-1,2-Dichloroethene	0.013	0.0117	0.001	10.5%	A
MW-83-12152022 / FD-05-12152022	Tetrachloroethene	0.117	0.0813	0.001	36.0%	J
MW-83-12152022 / FD-05-12152022	Trichloroethene	0.00966	0.00705	0.005	31.2%*	A
MW-83-12152022 / FD-05-12152022	Vinyl Chloride	0.00269	0.00291	0.002	7.9%	A
MW-17R-12142022 / FD-01-12142022	cis-1,2-Dichloroethene	< 0.000714	0.00182	0.001	87.3%*	A

Notes:
[a] RPD = ((SR - DR)*200)/(SR + DR)
* RPD exceeds 30 percent, but results are less than 5 times MQL and are within 2 times the MQL, so they are acceptable.
< = nondetected result less than the sample detection limit
A = acceptable data
J = results qualified as estimated due to field duplicate imprecision
DR = duplicate result
SR = sample result

Summary

Overall, the quality of the analytical data was found to be within the QC limits established by the project data quality objectives, analytical methods, and the review criteria presented in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13).

The following QC measures were found to be within project acceptance criteria or were not sufficiently outside acceptance criteria as to require data qualification:

- Sample receipt conditions
- Sample preservation
- Holding time
- Initial calibrations
- Continuing calibration verification
- Instrument performance calibrations
- Laboratory blanks, trip blanks, and equipment blanks
- Internal standard recoveries
- Surrogate recoveries
- LCS/LCSD recoveries and RPDs

QC issues encountered included recoveries and an RPD outside acceptance criteria in the MS/MSD performed on MW-113-12142022, and imprecision between the detections of 1,1-dichloroethane and tetrachloroethene in sample MW-83-12152022 and its field duplicate FD-05-12152022 as described previously and listed in Table 2.

No results were rejected, giving the data set a completeness value of 100 percent. All analytical results may be used to support project decisions.

Attachment
National Environmental Laboratory Accreditation Program Certificates

Texas Commission on Environmental Quality

NELAP-Recognized Laboratory Accreditation is hereby awarded to

Eurofins Houston

4141-4147 Greenbriar Dr.
Stafford, TX 77477

in accordance with Texas Water Code Chapter 5, Subchapter R, Title 30 Texas Administrative Code Chapter 25, and the National Environmental Laboratory Accreditation Program.

The laboratory's scope of accreditation includes the fields of accreditation that accompany this certificate. Continued accreditation depends upon successful ongoing participation in the program. The Texas Commission on Environmental Quality urges customers to verify the laboratory's current location(s) and accreditation status for particular methods and analyses (www.tceq.texas.gov/goto/lab). Accreditation does not imply that a product, process, system or person is approved by the Texas Commission on Environmental Quality.

Certificate Number: T104704215-22-46
Effective Date: 7/1/2022
Expiration Date: 6/30/2023

Executive Director Texas Commission on Environmental Quality

Groundwater Analytical Laboratory Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Knott
Jacobs Engineering Group, Inc.
12750 Merit Drive
Suite 1100
Dallas, Texas 75251

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JOB DESCRIPTION

STC Silber Rd Annual GW

JOB NUMBER

860-39419-1

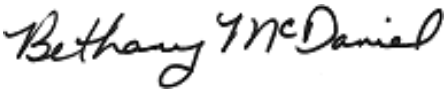
Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 2

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
(713)358-2005

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result is greater then the UQL and the concentration is an estimated value.
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
N2	RPD of the MS and MSD exceeds the control limits
U	Analyte was not detected at or above the SDL.

Glossary

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

Job ID: 860-39419-1

Laboratory: Eurofins Houston

Narrative

Job Narrative
860-39419-1

Receipt
The samples were received on 12/15/2022 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

This report was revised on March 22, 2023 to include original 8260 results for sample 860-39419-27.

This report was revised on March 23, 2023 to include only the original 8260 results for sample 860-39419-27 and not the reanalysis.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: TB-01-12142022 — Lab Sample ID: 860-39419-1

No Detections.

Client Sample ID: EB-01-12152022 — Lab Sample ID: 860-39419-2

No Detections.

Client Sample ID: MW-178-12142022 — Lab Sample ID: 860-39419-3

No Detections.

Client Sample ID: MW-74-12142022 — Lab Sample ID: 860-39419-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0192		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00439		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00318		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00118		0.00100	0.000801	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00673		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: MW-17R-12142022 — Lab Sample ID: 860-39419-5

No Detections.

Client Sample ID: MW-15R-20142022 — Lab Sample ID: 860-39419-6

No Detections.

Client Sample ID: MW-100-12142022 — Lab Sample ID: 860-39419-7

No Detections.

Client Sample ID: MW-70-12142022 — Lab Sample ID: 860-39419-8

No Detections.

Client Sample ID: MW-112-12142022 — Lab Sample ID: 860-39419-9

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00928		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00203		0.00100	0.000590	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0157		0.00100	0.000738	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00454		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: MW-181-12142022 — Lab Sample ID: 860-39419-10

No Detections.

Client Sample ID: MW-110-12142022 — Lab Sample ID: 860-39419-11

No Detections.

Client Sample ID: MW-111-12142022 — Lab Sample ID: 860-39419-12

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00234		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00272		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00485		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0151		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00397	J	0.00500	0.000791	mg/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: MW-109-12142022 — Lab Sample ID: 860-39419-13

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0218		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0406		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0200		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0124		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00307	J	0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.0139		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: MW-108-12142022 — Lab Sample ID: 860-39419-14

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00380		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00379		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0344		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.00957		0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: MW-182-12142022 — Lab Sample ID: 860-39419-15

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00255		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0143		0.00100	0.000738	mg/L	1		8260D	Total/NA

Client Sample ID: MW-01-12142022 — Lab Sample ID: 860-39419-16

No Detections.

Client Sample ID: MW-50R-12142022 — Lab Sample ID: 860-39419-17

No Detections.

Client Sample ID: MW-65-12142022 — Lab Sample ID: 860-39419-18

No Detections.

Client Sample ID: MW-113-12142022 — Lab Sample ID: 860-39419-19

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0185		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0192		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0431		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0979		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.0432		0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00256		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: FD-01-12142022 — Lab Sample ID: 860-39419-20

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00182		0.00100	0.000714	mg/L	1		8260D	Total/NA

Client Sample ID: FD-02-12142022 — Lab Sample ID: 860-39419-21

No Detections.

Client Sample ID: TB-02-12152022 — Lab Sample ID: 860-39419-22

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: MW-106-12152022 — Lab Sample ID: 860-39419-23

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00176		0.00100	0.000714	mg/L	1		8260D	Total/NA

Client Sample ID: MW-92-12152022 — Lab Sample ID: 860-39419-24

No Detections.

Client Sample ID: MW-88-12152022 — Lab Sample ID: 860-39419-25

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00182		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00541		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0279		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0243		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00370	J	0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: MW-90-12152022 — Lab Sample ID: 860-39419-26

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00263		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0410		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.139		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0399		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00554		0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: MW-98-12152022 — Lab Sample ID: 860-39419-27

No Detections.

Client Sample ID: MW-97-12152022 — Lab Sample ID: 860-39419-28

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00707		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00600		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00130		0.00100	0.000590	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0378		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.0228		0.00500	0.000791	mg/L	1		8260D	Total/NA
Tetrachloroethene - DL	0.205		0.00500	0.00401	mg/L	5		8260D	Total/NA

Client Sample ID: MW-168-12152022 — Lab Sample ID: 860-39419-29

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0118		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00517		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00137		0.00100	0.000590	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0214		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.0279		0.00500	0.000791	mg/L	1		8260D	Total/NA
Tetrachloroethene - DL	0.152		0.00500	0.00401	mg/L	5		8260D	Total/NA

Client Sample ID: MW-179-12152022 — Lab Sample ID: 860-39419-30

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00526		0.00100	0.000738	mg/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: MW-89-12152022 — Lab Sample ID: 860-39419-31

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00246		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0118		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00353		0.00100	0.000590	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00139		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.0218		0.00500	0.000791	mg/L	1		8260D	Total/NA
1,1-Dichloroethene - DL	0.254		0.00500	0.00369	mg/L	5		8260D	Total/NA

Client Sample ID: MW-83-12152022 — Lab Sample ID: 860-39419-32

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0130		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0193		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00142		0.00100	0.000590	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.142		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.117		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00966		0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00269		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: MW-122-12152022 — Lab Sample ID: 860-39419-33

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.000870	J	0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0127		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.000990	J	0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: MW-16R-12152022 — Lab Sample ID: 860-39419-34

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00403		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0250		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0351		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0392		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00823		0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00301		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: FD-03-12152022 — Lab Sample ID: 860-39419-35

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00647		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00554		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0347		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.0223		0.00500	0.000791	mg/L	1		8260D	Total/NA
Tetrachloroethene - DL	0.176		0.00500	0.00401	mg/L	5		8260D	Total/NA

Client Sample ID: FD-04-12152022 — Lab Sample ID: 860-39419-36

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00291		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0146		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00328		0.00100	0.000590	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00164		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.0242		0.00500	0.000791	mg/L	1		8260D	Total/NA
1,1-Dichloroethene - DL	0.265		0.0100	0.00738	mg/L	10		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: FD-05-12152022

Lab Sample ID: 860-39419-37

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.0117		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0169		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,2-Dichloroethane	0.00129		0.00100	0.000590	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.104		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.0813		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00705		0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00291		0.00200	0.000638	mg/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TB-01-12142022

Lab Sample ID: 860-39419-1
Date Collected: 12/14/22 10:00
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 02:02	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 02:02	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 02:02	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 02:02	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 02:02	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 02:02	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/17/22 02:02*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/17/22 02:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/17/22 02:02*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/17/22 02:02*	*1*

Client Sample ID: EB-01-12152022

Lab Sample ID: 860-39419-2
Date Collected: 12/15/22 15:10
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 02:42	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 02:42	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 02:42	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 02:42	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 02:42	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 02:42	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/17/22 02:42*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*12/17/22 02:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/17/22 02:42*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/17/22 02:42*	*1*

Client Sample ID: MW-178-12142022

Lab Sample ID: 860-39419-3
Date Collected: 12/14/22 10:03
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 03:04	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 03:04	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 03:04	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 03:04	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 03:04	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 03:04	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 03:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/17/22 03:04*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/17/22 03:04*	*1*

Client Sample ID: MW-178-12142022

Lab Sample ID: 860-39419-3

Date Collected: 12/14/22 10:03

Matrix: Water

Date Received: 12/15/22 16:22

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/17/22 03:04*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/17/22 03:04*	*1*

Client Sample ID: MW-74-12142022

Lab Sample ID: 860-39419-4

Date Collected: 12/14/22 10:50

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0192**		0.00100	0.000714	mg/L			12/18/22 02:04	1
1,1-Dichloroethane	**0.00439**		0.00100	0.000635	mg/L			12/18/22 02:04	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 02:04	1
1,1-Dichloroethene	**0.00318**		0.00100	0.000738	mg/L			12/18/22 02:04	1
Tetrachloroethene	**0.00118**		0.00100	0.000801	mg/L			12/18/22 02:04	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 02:04	1
Vinyl chloride	**0.00673**		0.00200	0.000638	mg/L			12/18/22 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/18/22 02:04*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/18/22 02:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/18/22 02:04*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*12/18/22 02:04*	*1*

Client Sample ID: MW-17R-12142022

Lab Sample ID: 860-39419-5

Date Collected: 12/14/22 11:18

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 03:46	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 03:46	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 03:46	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 03:46	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 03:46	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 03:46	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/17/22 03:46*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*12/17/22 03:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/17/22 03:46*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/17/22 03:46*	*1*

Client Sample ID: MW-15R-20142022

Lab Sample ID: 860-39419-6

Date Collected: 12/14/22 11:50

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 04:07	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 04:07	1

Client Sample ID: MW-15R-20142022

Lab Sample ID: 860-39419-6

Date Collected: 12/14/22 11:50

Matrix: Water

Date Received: 12/15/22 16:22

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 04:07	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 04:07	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 04:07	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 04:07	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/17/22 04:07*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*12/17/22 04:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*12/17/22 04:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/17/22 04:07*	*1*

Client Sample ID: MW-100-12142022

Lab Sample ID: 860-39419-7

Date Collected: 12/14/22 12:20

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 04:29	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 04:29	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 04:29	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 04:29	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 04:29	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 04:29	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 04:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/17/22 04:29*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*12/17/22 04:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*12/17/22 04:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/17/22 04:29*	*1*

Client Sample ID: MW-70-12142022

Lab Sample ID: 860-39419-8

Date Collected: 12/14/22 12:40

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 04:50	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 04:50	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 04:50	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 04:50	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 04:50	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 04:50	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/17/22 04:50*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/17/22 04:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/17/22 04:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/17/22 04:50*	*1*

Client Sample ID: MW-112-12142022

Lab Sample ID: 860-39419-9

Date Collected: 12/14/22 13:52

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 02:23	1
1,1-Dichloroethane	**0.00928**		0.00100	0.000635	mg/L			12/18/22 02:23	1
1,2-Dichloroethane	**0.00203**		0.00100	0.000590	mg/L			12/18/22 02:23	1
1,1-Dichloroethene	**0.0157**		0.00100	0.000738	mg/L			12/18/22 02:23	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 02:23	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 02:23	1
Vinyl chloride	**0.00454**		0.00200	0.000638	mg/L			12/18/22 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*74 - 124*		*12/18/22 02:23*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/18/22 02:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/18/22 02:23*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*12/18/22 02:23*	*1*

Client Sample ID: MW-181-12142022

Lab Sample ID: 860-39419-10

Date Collected: 12/14/22 14:11

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 05:32	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 05:32	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 05:32	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 05:32	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 05:32	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 05:32	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/17/22 05:32*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/17/22 05:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/17/22 05:32*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/17/22 05:32*	*1*

Client Sample ID: MW-110-12142022

Lab Sample ID: 860-39419-11

Date Collected: 12/14/22 14:34

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 05:54	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 05:54	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 05:54	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 05:54	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 05:54	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 05:54	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 05:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/17/22 05:54*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*12/17/22 05:54*	*1*

Client Sample ID: MW-110-12142022

Lab Sample ID: 860-39419-11
Matrix: Water
Date Collected: 12/14/22 14:34
Date Received: 12/15/22 16:22

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 144		12/17/22 05:54	1
Toluene-d8 (Surr)	99		80 - 117		12/17/22 05:54	1

Client Sample ID: MW-111-12142022

Lab Sample ID: 860-39419-12
Matrix: Water
Date Collected: 12/14/22 14:16
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00234**		0.00100	0.000714	mg/L			12/18/22 02:42	1
1,1-Dichloroethane	**0.00272**		0.00100	0.000635	mg/L			12/18/22 02:42	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 02:42	1
1,1-Dichloroethene	**0.00485**		0.00100	0.000738	mg/L			12/18/22 02:42	1
Tetrachloroethene	**0.0151**		0.00100	0.000801	mg/L			12/18/22 02:42	1
Trichloroethene	**0.00397**	**J**	0.00500	0.000791	mg/L			12/18/22 02:42	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		74 - 124		12/18/22 02:42	1
Dibromofluoromethane (Surr)	99		75 - 131		12/18/22 02:42	1
1,2-Dichloroethane-d4 (Surr)	91		63 - 144		12/18/22 02:42	1
Toluene-d8 (Surr)	96		80 - 117		12/18/22 02:42	1

Client Sample ID: MW-109-12142022

Lab Sample ID: 860-39419-13
Matrix: Water
Date Collected: 12/14/22 14:57
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0218**		0.00100	0.000714	mg/L			12/18/22 03:01	1
1,1-Dichloroethane	**0.0406**		0.00100	0.000635	mg/L			12/18/22 03:01	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 03:01	1
1,1-Dichloroethene	**0.0200**		0.00100	0.000738	mg/L			12/18/22 03:01	1
Tetrachloroethene	**0.0124**		0.00100	0.000801	mg/L			12/18/22 03:01	1
Trichloroethene	**0.00307**	**J**	0.00500	0.000791	mg/L			12/18/22 03:01	1
Vinyl chloride	**0.0139**		0.00200	0.000638	mg/L			12/18/22 03:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		74 - 124		12/18/22 03:01	1
Dibromofluoromethane (Surr)	99		75 - 131		12/18/22 03:01	1
1,2-Dichloroethane-d4 (Surr)	95		63 - 144		12/18/22 03:01	1
Toluene-d8 (Surr)	104		80 - 117		12/18/22 03:01	1

Client Sample ID: MW-108-12142022

Lab Sample ID: 860-39419-14
Matrix: Water
Date Collected: 12/14/22 15:10
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00380**		0.00100	0.000714	mg/L			12/18/22 03:20	1
1,1-Dichloroethane	**0.00379**		0.00100	0.000635	mg/L			12/18/22 03:20	1

Client Sample ID: MW-108-12142022

Lab Sample ID: 860-39419-14

Date Collected: 12/14/22 15:10

Matrix: Water

Date Received: 12/15/22 16:22

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 03:20	1
1,1-Dichloroethene	**0.0344**		0.00100	0.000738	mg/L			12/18/22 03:20	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 03:20	1
Trichloroethene	**0.00957**		0.00500	0.000791	mg/L			12/18/22 03:20	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*		*12/18/22 03:20*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/18/22 03:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/18/22 03:20*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*12/18/22 03:20*	*1*

Client Sample ID: MW-182-12142022

Lab Sample ID: 860-39419-15

Date Collected: 12/14/22 15:31

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 03:39	1
1,1-Dichloroethane	**0.00255**		0.00100	0.000635	mg/L			12/18/22 03:39	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 03:39	1
1,1-Dichloroethene	**0.0143**		0.00100	0.000738	mg/L			12/18/22 03:39	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 03:39	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 03:39	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/18/22 03:39*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 03:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/18/22 03:39*	*1*
Toluene-d8 (Surr)	*95*		*80 - 117*		*12/18/22 03:39*	*1*

Client Sample ID: MW-01-12142022

Lab Sample ID: 860-39419-16

Date Collected: 12/14/22 15:54

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 07:40	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 07:40	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 07:40	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 07:40	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 07:40	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 07:40	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 07:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/17/22 07:40*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*12/17/22 07:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/17/22 07:40*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*12/17/22 07:40*	*1*

Client Sample ID: MW-50R-12142022

Lab Sample ID: 860-39419-17

Date Collected: 12/14/22 16:27

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 08:01	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 08:01	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 08:01	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 08:01	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 08:01	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 08:01	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 08:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*12/17/22 08:01*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/17/22 08:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/17/22 08:01*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*12/17/22 08:01*	*1*

Client Sample ID: MW-65-12142022

Lab Sample ID: 860-39419-18

Date Collected: 12/14/22 16:58

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 08:22	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 08:22	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 08:22	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 08:22	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 08:22	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 08:22	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 08:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/17/22 08:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/17/22 08:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/17/22 08:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/17/22 08:22*	*1*

Client Sample ID: MW-113-12142022

Lab Sample ID: 860-39419-19

Date Collected: 12/14/22 17:20

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0185**		0.00100	0.000714	mg/L			12/18/22 01:45	1
1,1-Dichloroethane	**0.0192**		0.00100	0.000635	mg/L			12/18/22 01:45	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 01:45	1
1,1-Dichloroethene	**0.0431**		0.00100	0.000738	mg/L			12/18/22 01:45	1
Tetrachloroethene	**0.0979**		0.00100	0.000801	mg/L			12/18/22 01:45	1
Trichloroethene	**0.0432**		0.00500	0.000791	mg/L			12/18/22 01:45	1
Vinyl chloride	**0.00256**		0.00200	0.000638	mg/L			12/18/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/18/22 01:45*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/18/22 01:45*	*1*

Client Sample ID: MW-113-12142022

Lab Sample ID: 860-39419-19

Date Collected: 12/14/22 17:20

Matrix: Water

Date Received: 12/15/22 16:22

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*		*12/18/22 01:45*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/18/22 01:45*	*1*

Client Sample ID: FD-01-12142022

Lab Sample ID: 860-39419-20

Date Collected: 12/14/22 00:00

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00182**		0.00100	0.000714	mg/L			12/18/22 03:58	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 03:58	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 03:58	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 03:58	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 03:58	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 03:58	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/18/22 03:58*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/18/22 03:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/18/22 03:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/18/22 03:58*	*1*

Client Sample ID: FD-02-12142022

Lab Sample ID: 860-39419-21

Date Collected: 12/14/22 00:00

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 04:17	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 04:17	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 04:17	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 04:17	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 04:17	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 04:17	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*74 - 124*		*12/18/22 04:17*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*12/18/22 04:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*12/18/22 04:17*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*12/18/22 04:17*	*1*

Client Sample ID: TB-02-12152022

Lab Sample ID: 860-39419-22

Date Collected: 12/15/22 08:00

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 01:26	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 01:26	1

Client Sample ID: TB-02-12152022

Lab Sample ID: 860-39419-22

Date Collected: 12/15/22 08:00

Matrix: Water

Date Received: 12/15/22 16:22

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 01:26	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 01:26	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 01:26	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 01:26	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*		*12/18/22 01:26*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/18/22 01:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*		*12/18/22 01:26*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/18/22 01:26*	*1*

Client Sample ID: MW-106-12152022

Lab Sample ID: 860-39419-23

Date Collected: 12/15/22 08:23

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00176**		0.00100	0.000714	mg/L			12/18/22 04:36	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 04:36	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 04:36	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 04:36	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 04:36	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 04:36	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/18/22 04:36*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 04:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/18/22 04:36*	*1*
Toluene-d8 (Surr)	*95*		*80 - 117*		*12/18/22 04:36*	*1*

Client Sample ID: MW-92-12152022

Lab Sample ID: 860-39419-24

Date Collected: 12/15/22 08:54

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 04:55	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 04:55	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 04:55	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 04:55	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 04:55	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 04:55	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 04:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/18/22 04:55*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 04:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/18/22 04:55*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/18/22 04:55*	*1*

Client Sample ID: MW-88-12152022

Lab Sample ID: 860-39419-25

Date Collected: 12/15/22 09:14

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00182**		0.00100	0.000714	mg/L			12/18/22 05:14	1
1,1-Dichloroethane	**0.00541**		0.00100	0.000635	mg/L			12/18/22 05:14	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 05:14	1
1,1-Dichloroethene	**0.0279**		0.00100	0.000738	mg/L			12/18/22 05:14	1
Tetrachloroethene	**0.0243**		0.00100	0.000801	mg/L			12/18/22 05:14	1
Trichloroethene	**0.00370**	**J**	0.00500	0.000791	mg/L			12/18/22 05:14	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*12/18/22 05:14*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/18/22 05:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/18/22 05:14*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/18/22 05:14*	*1*

Client Sample ID: MW-90-12152022

Lab Sample ID: 860-39419-26

Date Collected: 12/15/22 09:31

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00263**		0.00100	0.000714	mg/L			12/18/22 05:33	1
1,1-Dichloroethane	**0.0410**		0.00100	0.000635	mg/L			12/18/22 05:33	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 05:33	1
1,1-Dichloroethene	**0.139**		0.00100	0.000738	mg/L			12/18/22 05:33	1
Tetrachloroethene	**0.0399**		0.00100	0.000801	mg/L			12/18/22 05:33	1
Trichloroethene	**0.00554**		0.00500	0.000791	mg/L			12/18/22 05:33	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*12/18/22 05:33*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 05:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*		*12/18/22 05:33*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*12/18/22 05:33*	*1*

Client Sample ID: MW-98-12152022

Lab Sample ID: 860-39419-27

Date Collected: 12/15/22 09:56

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 09:20	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 09:20	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 09:20	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 09:20	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 09:20	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 09:20	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/17/22 09:20*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/17/22 09:20*	*1*

Client Sample ID: MW-98-12152022

Lab Sample ID: 860-39419-27

Date Collected: 12/15/22 09:56
Matrix: Water
Date Received: 12/15/22 16:22

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/17/22 09:20*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*12/17/22 09:20*	*1*

Client Sample ID: MW-97-12152022

Lab Sample ID: 860-39419-28

Date Collected: 12/15/22 10:15
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00707**		0.00100	0.000714	mg/L			12/17/22 15:09	1
1,1-Dichloroethane	**0.00600**		0.00100	0.000635	mg/L			12/17/22 15:09	1
1,2-Dichloroethane	**0.00130**		0.00100	0.000590	mg/L			12/17/22 15:09	1
1,1-Dichloroethene	**0.0378**		0.00100	0.000738	mg/L			12/17/22 15:09	1
Trichloroethene	**0.0228**		0.00500	0.000791	mg/L			12/17/22 15:09	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*12/17/22 15:09*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*12/17/22 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*12/17/22 15:09*	*1*
Toluene-d8 (Surr)	*95*		*80 - 117*		*12/17/22 15:09*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.205**		0.00500	0.00401	mg/L			12/28/22 15:15	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/28/22 15:15*	*5*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/28/22 15:15*	*5*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*12/28/22 15:15*	*5*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/28/22 15:15*	*5*

Client Sample ID: MW-168-12152022

Lab Sample ID: 860-39419-29

Date Collected: 12/15/22 11:05
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0118**		0.00100	0.000714	mg/L			12/18/22 06:11	1
1,1-Dichloroethane	**0.00517**		0.00100	0.000635	mg/L			12/18/22 06:11	1
1,2-Dichloroethane	**0.00137**		0.00100	0.000590	mg/L			12/18/22 06:11	1
1,1-Dichloroethene	**0.0214**		0.00100	0.000738	mg/L			12/18/22 06:11	1
Trichloroethene	**0.0279**		0.00500	0.000791	mg/L			12/18/22 06:11	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/18/22 06:11*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 06:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/18/22 06:11*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/18/22 06:11*	*1*

Client Sample ID: MW-168-12152022

Lab Sample ID: 860-39419-29
Date Collected: 12/15/22 11:05
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.152**		0.00500	0.00401	mg/L			12/18/22 10:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*12/18/22 10:50*	*5*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*12/18/22 10:50*	*5*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*12/18/22 10:50*	*5*
Toluene-d8 (Surr)	*92*		*80 - 117*		*12/18/22 10:50*	*5*

Client Sample ID: MW-179-12152022

Lab Sample ID: 860-39419-30
Date Collected: 12/15/22 11:33
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 06:30	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 06:30	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 06:30	1
1,1-Dichloroethene	**0.00526**		0.00100	0.000738	mg/L			12/18/22 06:30	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 06:30	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 06:30	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/18/22 06:30*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 06:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*		*12/18/22 06:30*	*1*
Toluene-d8 (Surr)	*97*		*80 - 117*		*12/18/22 06:30*	*1*

Client Sample ID: MW-89-12152022

Lab Sample ID: 860-39419-31
Date Collected: 12/15/22 12:53
Matrix: Water
Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00246**		0.00100	0.000714	mg/L			12/18/22 02:18	1
1,1-Dichloroethane	**0.0118**		0.00100	0.000635	mg/L			12/18/22 02:18	1
1,2-Dichloroethane	**0.00353**		0.00100	0.000590	mg/L			12/18/22 02:18	1
Tetrachloroethene	**0.00139**		0.00100	0.000801	mg/L			12/18/22 02:18	1
Trichloroethene	**0.0218**		0.00500	0.000791	mg/L			12/18/22 02:18	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*12/18/22 02:18*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/18/22 02:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*12/18/22 02:18*	*1*
Toluene-d8 (Surr)	*95*		*80 - 117*		*12/18/22 02:18*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.254**		0.00500	0.00369	mg/L			12/26/22 16:18	5

Client Sample ID: MW-89-12152022

Lab Sample ID: 860-39419-31

Date Collected: 12/15/22 12:53

Matrix: Water

Date Received: 12/15/22 16:22

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/26/22 16:18*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/26/22 16:18*	*5*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*12/26/22 16:18*	*5*
Toluene-d8 (Surr)	*104*		*80 - 117*		*12/26/22 16:18*	*5*

Client Sample ID: MW-83-12152022

Lab Sample ID: 860-39419-32

Date Collected: 12/15/22 13:31

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.0130**		0.00100	0.000714	mg/L			12/18/22 06:49	1
1,1-Dichloroethane	**0.0193**		0.00100	0.000635	mg/L			12/18/22 06:49	1
1,2-Dichloroethane	**0.00142**		0.00100	0.000590	mg/L			12/18/22 06:49	1
1,1-Dichloroethene	**0.142**		0.00100	0.000738	mg/L			12/18/22 06:49	1
Tetrachloroethene	**0.117**		0.00100	0.000801	mg/L			12/18/22 06:49	1
Trichloroethene	**0.00966**		0.00500	0.000791	mg/L			12/18/22 06:49	1
Vinyl chloride	**0.00269**		0.00200	0.000638	mg/L			12/18/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*74 - 124*		*12/18/22 06:49*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/18/22 06:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/18/22 06:49*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*12/18/22 06:49*	*1*

Client Sample ID: MW-122-12152022

Lab Sample ID: 860-39419-33

Date Collected: 12/15/22 14:01

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 07:08	1
1,1-Dichloroethane	**0.000870**	**J**	0.00100	0.000635	mg/L			12/18/22 07:08	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 07:08	1
1,1-Dichloroethene	**0.0127**		0.00100	0.000738	mg/L			12/18/22 07:08	1
Tetrachloroethene	**0.000990**	**J**	0.00100	0.000801	mg/L			12/18/22 07:08	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 07:08	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/18/22 07:08*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/18/22 07:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*12/18/22 07:08*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/18/22 07:08*	*1*

Client Sample ID: MW-16R-12152022

Lab Sample ID: 860-39419-34

Date Collected: 12/15/22 14:32

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00403**		0.00100	0.000714	mg/L			12/18/22 07:27	1

Client Sample ID: MW-16R-12152022

Lab Sample ID: 860-39419-34

Date Collected: 12/15/22 14:32
Date Received: 12/15/22 16:22

Matrix: Water

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0250		0.00100	0.000635	mg/L			12/18/22 07:27	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 07:27	1
1,1-Dichloroethene	0.0351		0.00100	0.000738	mg/L			12/18/22 07:27	1
Tetrachloroethene	0.0392		0.00100	0.000801	mg/L			12/18/22 07:27	1
Trichloroethene	0.00823		0.00500	0.000791	mg/L			12/18/22 07:27	1
Vinyl chloride	0.00301		0.00200	0.000638	mg/L			12/18/22 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/18/22 07:27*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/18/22 07:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*		*12/18/22 07:27*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*12/18/22 07:27*	*1*

Client Sample ID: FD-03-12152022

Lab Sample ID: 860-39419-35

Date Collected: 12/15/22 00:00
Date Received: 12/15/22 16:22

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00647		0.00100	0.000714	mg/L			12/18/22 05:34	1
1,1-Dichloroethane	0.00554		0.00100	0.000635	mg/L			12/18/22 05:34	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 05:34	1
1,1-Dichloroethene	0.0347		0.00100	0.000738	mg/L			12/18/22 05:34	1
Trichloroethene	0.0223		0.00500	0.000791	mg/L			12/18/22 05:34	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*12/18/22 05:34*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 131*		*12/18/22 05:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*12/18/22 05:34*	*1*
Toluene-d8 (Surr)	*94*		*80 - 117*		*12/18/22 05:34*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.176		0.00500	0.00401	mg/L			12/26/22 16:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*12/26/22 16:37*	*5*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*12/26/22 16:37*	*5*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*12/26/22 16:37*	*5*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/26/22 16:37*	*5*

Client Sample ID: FD-04-12152022

Lab Sample ID: 860-39419-36

Date Collected: 12/15/22 00:00
Date Received: 12/15/22 16:22

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.00291		0.00100	0.000714	mg/L			12/26/22 20:06	1
1,1-Dichloroethane	0.0146		0.00100	0.000635	mg/L			12/26/22 20:06	1
1,2-Dichloroethane	0.00328		0.00100	0.000590	mg/L			12/26/22 20:06	1

Client Sample ID: FD-04-12152022

Lab Sample ID: 860-39419-36

Date Collected: 12/15/22 00:00

Matrix: Water

Date Received: 12/15/22 16:22

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.00164		0.00100	0.000801	mg/L			12/26/22 20:06	1
Trichloroethene	0.0242		0.00500	0.000791	mg/L			12/26/22 20:06	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/26/22 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*12/26/22 20:06*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/26/22 20:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*12/26/22 20:06*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/26/22 20:06*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.265		0.0100	0.00738	mg/L			12/28/22 15:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/28/22 15:36*	*10*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/28/22 15:36*	*10*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*12/28/22 15:36*	*10*
Toluene-d8 (Surr)	*101*		*80 - 117*		*12/28/22 15:36*	*10*

Client Sample ID: FD-05-12152022

Lab Sample ID: 860-39419-37

Date Collected: 12/15/22 00:00

Matrix: Water

Date Received: 12/15/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.0117		0.00100	0.000714	mg/L			12/26/22 20:25	1
1,1-Dichloroethane	0.0169		0.00100	0.000635	mg/L			12/26/22 20:25	1
1,2-Dichloroethane	0.00129		0.00100	0.000590	mg/L			12/26/22 20:25	1
1,1-Dichloroethene	0.104		0.00100	0.000738	mg/L			12/26/22 20:25	1
Tetrachloroethene	0.0813		0.00100	0.000801	mg/L			12/26/22 20:25	1
Trichloroethene	0.00705		0.00500	0.000791	mg/L			12/26/22 20:25	1
Vinyl chloride	0.00291		0.00200	0.000638	mg/L			12/26/22 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*12/26/22 20:25*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/26/22 20:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*12/26/22 20:25*	*1*
Toluene-d8 (Surr)	*104*		*80 - 117*		*12/26/22 20:25*	*1*

Unadjusted Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	MQL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
1,2-Dichloroethane	0.00100	0.000590	mg/L
cis-1,2-Dichloroethene	0.00100	0.000714	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L
Trichloroethene	0.00500	0.000791	mg/L
Vinyl chloride	0.00200	0.000638	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-39402-C-1 MS	Matrix Spike	93	100	100	94
860-39419-1	TB-01-12142022	110	101	92	103
860-39419-2	EB-01-12152022	110	104	93	100
860-39419-3	MW-178-12142022	103	100	93	98
860-39419-4	MW-74-12142022	110	100	93	104
860-39419-5	MW-17R-12142022	106	103	92	99
860-39419-6	MW-15R-20142022	103	102	94	98
860-39419-7	MW-100-12142022	108	103	94	100
860-39419-8	MW-70-12142022	103	101	92	98
860-39419-9	MW-112-12142022	113	98	93	105
860-39419-10	MW-181-12142022	105	101	93	99
860-39419-11	MW-110-12142022	105	102	94	99
860-39419-12	MW-111-12142022	102	99	91	96
860-39419-13	MW-109-12142022	108	99	95	104
860-39419-14	MW-108-12142022	109	100	93	104
860-39419-15	MW-182-12142022	103	97	90	95
860-39419-16	MW-01-12142022	102	102	93	97
860-39419-17	MW-50R-12142022	101	98	91	97
860-39419-18	MW-65-12142022	103	101	93	99
860-39419-19	MW-113-12142022	108	98	89	99
860-39419-19 MS	MW-113-12142022	101	95	88	96
860-39419-19 MSD	MW-113-12142022	101	95	87	92
860-39419-20	FD-01-12142022	108	96	91	98
860-39419-21	FD-02-12142022	113	95	94	104
860-39419-22	TB-02-12152022	109	98	88	99
860-39419-23	MW-106-12152022	105	97	92	95
860-39419-24	MW-92-12152022	102	97	90	99
860-39419-25	MW-88-12152022	107	100	93	102
860-39419-26	MW-90-12152022	104	97	88	97
860-39419-27	MW-98-12152022	102	97	91	96
860-39419-28	MW-97-12152022	95	95	97	95
860-39419-28 - DL	MW-97-12152022	103	96	101	100
860-39419-28 MS	MW-97-12152022	94	96	99	95
860-39419-28 MSD	MW-97-12152022	94	94	99	95
860-39419-29	MW-168-12152022	105	97	90	100
860-39419-29 - DL	MW-168-12152022	96	93	98	92
860-39419-30	MW-179-12152022	102	97	89	97
860-39419-31	MW-89-12152022	96	100	112	95
860-39419-31 - DL	MW-89-12152022	103	101	104	104
860-39419-31 MS	MW-89-12152022	98	98	107	97
860-39419-31 MSD	MW-89-12152022	98	98	107	96
860-39419-32	MW-83-12152022	111	96	90	101
860-39419-33	MW-122-12152022	108	98	94	99
860-39419-34	MW-16R-12152022	102	97	89	96
860-39419-35	FD-03-12152022	95	92	98	94
860-39419-35 - DL	FD-03-12152022	101	102	104	103
860-39419-36	FD-04-12152022	99	98	105	102
860-39419-36 - DL	FD-04-12152022	103	97	102	101
860-39419-37	FD-05-12152022	104	100	106	104

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-39422-E-1 MS	Matrix Spike	103	95	87	97
860-39764-D-3 MS	Matrix Spike	100	100	101	101
880-23015-D-1 MS	Matrix Spike	101	98	98	97
LCS 860-82322/3	Lab Control Sample	101	96	87	94
LCS 860-82347/3	Lab Control Sample	101	97	87	99
LCS 860-82354/3	Lab Control Sample	93	97	99	95
LCS 860-82377/3	Lab Control Sample	97	97	105	97
LCS 860-82400/3	Lab Control Sample	93	97	98	93
LCS 860-83304/3	Lab Control Sample	98	99	98	99
LCS 860-83515/3	Lab Control Sample	100	101	102	99
LCSD 860-82322/4	Lab Control Sample Dup	103	95	87	97
LCSD 860-82347/4	Lab Control Sample Dup	101	96	87	99
LCSD 860-82354/4	Lab Control Sample Dup	93	94	98	96
LCSD 860-82377/4	Lab Control Sample Dup	100	97	107	95
LCSD 860-82400/4	Lab Control Sample Dup	90	96	99	94
LCSD 860-83304/4	Lab Control Sample Dup	97	97	97	98
LCSD 860-83515/4	Lab Control Sample Dup	98	99	100	100
MB 860-82322/9	Method Blank	107	98	90	99
MB 860-82347/10	Method Blank	108	98	87	98
MB 860-82354/10	Method Blank	99	93	97	96
MB 860-82377/11	Method Blank	98	96	111	99
MB 860-82400/10	Method Blank	96	94	98	94
MB 860-83304/9	Method Blank	106	100	101	106
MB 860-83515/10	Method Blank	103	97	101	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-82322/9
Matrix: Water
Analysis Batch: 82322

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 01:43	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 01:43	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 01:43	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 01:43	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 01:43	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 01:43	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 01:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*12/17/22 01:43*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/17/22 01:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/17/22 01:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/17/22 01:43*	*1*

Lab Sample ID: LCS 860-82322/3
Matrix: Water
Analysis Batch: 82322

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.05072		mg/L		101	75 - 125		
1,1-Dichloroethane			0.0500	0.05169		mg/L		103	70 - 130		
1,2-Dichloroethane			0.0500	0.04782		mg/L		96	72 - 130		
1,1-Dichloroethene			0.0500	0.05781		mg/L		116	50 - 150		
Tetrachloroethene			0.0500	0.06211		mg/L		124	71 - 125		
Trichloroethene			0.0500	0.06012		mg/L		120	75 - 135		
Vinyl chloride			0.0500	0.04490		mg/L		90	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*94*		*80 - 117*

Lab Sample ID: LCSD 860-82322/4
Matrix: Water
Analysis Batch: 82322

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04810		mg/L		96	75 - 125	5	25
1,1-Dichloroethane			0.0500	0.04884		mg/L		98	70 - 130	6	25
1,2-Dichloroethane			0.0500	0.04567		mg/L		91	72 - 130	5	25
1,1-Dichloroethene			0.0500	0.05676		mg/L		114	50 - 150	2	25
Tetrachloroethene			0.0500	0.06238		mg/L		125	71 - 125	0	25
Trichloroethene			0.0500	0.05987		mg/L		120	75 - 135	0	25
Vinyl chloride			0.0500	0.04408		mg/L		88	60 - 140	2	25

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

Lab Sample ID: LCSD 860-82322/4
Matrix: Water
Analysis Batch: 82322

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: 860-39422-E-1 MS
Matrix: Water
Analysis Batch: 82322

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.04620		mg/L		92	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.04627		mg/L		93	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.04394		mg/L		88	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.05457		mg/L		109	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.06121		mg/L		122	71 - 125
Trichloroethene	0.000791	U	0.0500	0.05651		mg/L		113	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.04237		mg/L		85	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: MB 860-82347/10
Matrix: Water
Analysis Batch: 82347

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 01:07	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 01:07	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 01:07	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 01:07	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 01:07	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 01:07	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 01:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/18/22 01:07*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/18/22 01:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*		*12/18/22 01:07*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/18/22 01:07*	*1*

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

Lab Sample ID: LCS 860-82347/3
Matrix: Water
Analysis Batch: 82347

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0500	0.04378		mg/L		88	75 - 125
1,1-Dichloroethane	0.0500	0.04482		mg/L		90	70 - 130
1,2-Dichloroethane	0.0500	0.04240		mg/L		85	72 - 130
1,1-Dichloroethene	0.0500	0.04630		mg/L		93	50 - 150
Tetrachloroethene	0.0500	0.05426		mg/L		109	71 - 125
Trichloroethene	0.0500	0.05502		mg/L		110	75 - 135
Vinyl chloride	0.0500	0.03506		mg/L		70	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-82347/4
Matrix: Water
Analysis Batch: 82347

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0500	0.04389		mg/L		88	75 - 125	0	25
1,1-Dichloroethane	0.0500	0.04470		mg/L		89	70 - 130	0	25
1,2-Dichloroethane	0.0500	0.04351		mg/L		87	72 - 130	3	25
1,1-Dichloroethene	0.0500	0.04871		mg/L		97	50 - 150	5	25
Tetrachloroethene	0.0500	0.05501		mg/L		110	71 - 125	1	25
Trichloroethene	0.0500	0.05755		mg/L		115	75 - 135	4	25
Vinyl chloride	0.0500	0.03451		mg/L		69	60 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: 860-39419-19 MS
Matrix: Water
Analysis Batch: 82347

Client Sample ID: MW-113-12142022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0185		0.0500	0.06927		mg/L		102	75 - 125
1,1-Dichloroethane	0.0192		0.0500	0.07094		mg/L		103	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.05350		mg/L		107	68 - 127
1,1-Dichloroethene	0.0431		0.0500	0.09543		mg/L		105	59 - 172
Tetrachloroethene	0.0979		0.0500	0.1641	E N1	mg/L		132	71 - 125
Trichloroethene	0.0432		0.0500	0.1082		mg/L		130	62 - 137
Vinyl chloride	0.00256		0.0500	0.03450		mg/L		64	60 - 140

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

Lab Sample ID: 860-39419-19 MS
Matrix: Water
Analysis Batch: 82347

Client Sample ID: MW-113-12142022
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: 860-39419-19 MSD
Matrix: Water
Analysis Batch: 82347

Client Sample ID: MW-113-12142022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0185		0.0500	0.05671		mg/L		76	75 - 125	20	25
1,1-Dichloroethane	0.0192		0.0500	0.05911		mg/L		80	72 - 125	18	25
1,2-Dichloroethane	0.000590	U	0.0500	0.04284		mg/L		86	68 - 127	22	25
1,1-Dichloroethene	0.0431		0.0500	0.08239		mg/L		79	59 - 172	15	25
Tetrachloroethene	0.0979		0.0500	0.1296	N1	mg/L		63	71 - 125	23	25
Trichloroethene	0.0432		0.0500	0.08791		mg/L		90	62 - 137	21	25
Vinyl chloride	0.00256		0.0500	0.02459	N1 N2	mg/L		44	60 - 140	34	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*92*		*80 - 117*

Lab Sample ID: MB 860-82354/10
Matrix: Water
Analysis Batch: 82354

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/17/22 14:49	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/17/22 14:49	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/17/22 14:49	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/17/22 14:49	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/17/22 14:49	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/17/22 14:49	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/17/22 14:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*12/17/22 14:49*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*12/17/22 14:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*		*12/17/22 14:49*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*12/17/22 14:49*	*1*

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

Lab Sample ID: LCS 860-82354/3
Matrix: Water
Analysis Batch: 82354

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0500	0.04821		mg/L		96	75 - 125
1,1-Dichloroethane	0.0500	0.04580		mg/L		92	70 - 130
1,2-Dichloroethane	0.0500	0.05366		mg/L		107	72 - 130
1,1-Dichloroethene	0.0500	0.04849		mg/L		97	50 - 150
Tetrachloroethene	0.0500	0.05644		mg/L		113	71 - 125
Trichloroethene	0.0500	0.05325		mg/L		106	75 - 135
Vinyl chloride	0.0500	0.03994		mg/L		80	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*95*		*80 - 117*

Lab Sample ID: LCSD 860-82354/4
Matrix: Water
Analysis Batch: 82354

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0500	0.04364		mg/L		87	75 - 125	10	25
1,1-Dichloroethane	0.0500	0.04163		mg/L		83	70 - 130	10	25
1,2-Dichloroethane	0.0500	0.04896		mg/L		98	72 - 130	9	25
1,1-Dichloroethene	0.0500	0.04295		mg/L		86	50 - 150	12	25
Tetrachloroethene	0.0500	0.05156		mg/L		103	71 - 125	9	25
Trichloroethene	0.0500	0.04850		mg/L		97	75 - 135	9	25
Vinyl chloride	0.0500	0.03670		mg/L		73	60 - 140	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: 860-39419-28 MS
Matrix: Water
Analysis Batch: 82354

Client Sample ID: MW-97-12152022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.00707		0.0500	0.04669		mg/L		79	75 - 125
1,1-Dichloroethane	0.00600		0.0500	0.04340		mg/L		75	72 - 125
1,2-Dichloroethane	0.00130		0.0500	0.04356		mg/L		85	68 - 127
1,1-Dichloroethene	0.0378		0.0500	0.08055		mg/L		86	59 - 172
Tetrachloroethene	0.234	E	0.0500	0.2655	E 4	mg/L		62	71 - 125
Trichloroethene	0.0228		0.0500	0.06603		mg/L		86	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.04252		mg/L		85	60 - 140

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

Lab Sample ID: 860-39419-28 MS
Matrix: Water
Analysis Batch: 82354

Client Sample ID: MW-97-12152022
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*95*		*80 - 117*

Lab Sample ID: 860-39419-28 MSD
Matrix: Water
Analysis Batch: 82354

Client Sample ID: MW-97-12152022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.00707		0.0500	0.03661	N1	mg/L		59	75 - 125	24	25
1,1-Dichloroethane	0.00600		0.0500	0.03425	N1	mg/L		56	72 - 125	24	25
1,2-Dichloroethane	0.00130		0.0500	0.03431	N1	mg/L		66	68 - 127	24	25
1,1-Dichloroethene	0.0378		0.0500	0.06679	N1	mg/L		58	59 - 172	19	25
Tetrachloroethene	0.234	E	0.0500	0.2508	E 4	mg/L		33	71 - 125	6	25
Trichloroethene	0.0228		0.0500	0.05582		mg/L		66	62 - 137	17	25
Vinyl chloride	0.000638	U	0.0500	0.04304		mg/L		86	60 - 140	1	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*95*		*80 - 117*

Lab Sample ID: MB 860-82377/11
Matrix: Water
Analysis Batch: 82377

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 00:14	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 00:14	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 00:14	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 00:14	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 00:14	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 00:14	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 00:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*12/18/22 00:14*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/18/22 00:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*12/18/22 00:14*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/18/22 00:14*	*1*

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

Lab Sample ID: LCS 860-82377/3
Matrix: Water
Analysis Batch: 82377

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.04066		mg/L		81	75 - 125		
1,1-Dichloroethane			0.0500	0.04117		mg/L		82	70 - 130		
1,2-Dichloroethane			0.0500	0.05022		mg/L		100	72 - 130		
1,1-Dichloroethene			0.0500	0.04254		mg/L		85	50 - 150		
Tetrachloroethene			0.0500	0.04835		mg/L		97	71 - 125		
Trichloroethene			0.0500	0.04957		mg/L		99	75 - 135		
Vinyl chloride			0.0500	0.04632		mg/L		93	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: LCSD 860-82377/4
Matrix: Water
Analysis Batch: 82377

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04095		mg/L		82	75 - 125	1	25
1,1-Dichloroethane			0.0500	0.04186		mg/L		84	70 - 130	2	25
1,2-Dichloroethane			0.0500	0.05053		mg/L		101	72 - 130	1	25
1,1-Dichloroethene			0.0500	0.04169		mg/L		83	50 - 150	2	25
Tetrachloroethene			0.0500	0.04668		mg/L		93	71 - 125	4	25
Trichloroethene			0.0500	0.04795		mg/L		96	75 - 135	3	25
Vinyl chloride			0.0500	0.04535		mg/L		91	60 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
Toluene-d8 (Surr)	*95*		*80 - 117*

Lab Sample ID: 860-39419-31 MS
Matrix: Water
Analysis Batch: 82377

Client Sample ID: MW-89-12152022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene	0.00246		0.0500	0.04443		mg/L		84	75 - 125		
1,1-Dichloroethane	0.0118		0.0500	0.05605		mg/L		89	72 - 125		
1,2-Dichloroethane	0.00353		0.0500	0.05488		mg/L		103	68 - 127		
1,1-Dichloroethene	0.265	E	0.0500	0.2996	E 4	mg/L		69	59 - 172		
Tetrachloroethene	0.00139		0.0500	0.05006		mg/L		97	71 - 125		
Trichloroethene	0.0218		0.0500	0.07011		mg/L		97	62 - 137		
Vinyl chloride	0.000638	U	0.0500	0.04732		mg/L		95	60 - 140		

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

Lab Sample ID: 860-39419-31 MS
Matrix: Water
Analysis Batch: 82377

Client Sample ID: MW-89-12152022
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: 860-39419-31 MSD
Matrix: Water
Analysis Batch: 82377

Client Sample ID: MW-89-12152022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.00246		0.0500	0.04351		mg/L		82	75 - 125	2	25
1,1-Dichloroethane	0.0118		0.0500	0.05489		mg/L		86	72 - 125	2	25
1,2-Dichloroethane	0.00353		0.0500	0.05446		mg/L		102	68 - 127	1	25
1,1-Dichloroethene	0.265	E	0.0500	0.2824	E 4	mg/L		34	59 - 172	6	25
Tetrachloroethene	0.00139		0.0500	0.04928		mg/L		96	71 - 125	2	25
Trichloroethene	0.0218		0.0500	0.06817		mg/L		93	62 - 137	3	25
Vinyl chloride	0.000638	U	0.0500	0.04606		mg/L		92	60 - 140	3	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: MB 860-82400/10
Matrix: Water
Analysis Batch: 82400

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/18/22 04:11	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/18/22 04:11	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/18/22 04:11	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/18/22 04:11	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/18/22 04:11	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/18/22 04:11	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/18/22 04:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*12/18/22 04:11*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*12/18/22 04:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*		*12/18/22 04:11*	*1*
Toluene-d8 (Surr)	*94*		*80 - 117*		*12/18/22 04:11*	*1*

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

Lab Sample ID: LCS 860-82400/3
Matrix: Water
Analysis Batch: 82400

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.04782		mg/L		96	75 - 125		
1,1-Dichloroethane			0.0500	0.04642		mg/L		93	70 - 130		
1,2-Dichloroethane			0.0500	0.05340		mg/L		107	72 - 130		
1,1-Dichloroethene			0.0500	0.04836		mg/L		97	50 - 150		
Tetrachloroethene			0.0500	0.05502		mg/L		110	71 - 125		
Trichloroethene			0.0500	0.05553		mg/L		111	75 - 135		
Vinyl chloride			0.0500	0.04227		mg/L		85	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*93*		*80 - 117*

Lab Sample ID: LCSD 860-82400/4
Matrix: Water
Analysis Batch: 82400

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04809		mg/L		96	75 - 125	1	25
1,1-Dichloroethane			0.0500	0.04734		mg/L		95	70 - 130	2	25
1,2-Dichloroethane			0.0500	0.05536		mg/L		111	72 - 130	4	25
1,1-Dichloroethene			0.0500	0.04842		mg/L		97	50 - 150	0	25
Tetrachloroethene			0.0500	0.05668		mg/L		113	71 - 125	3	25
Trichloroethene			0.0500	0.05737		mg/L		115	75 - 135	3	25
Vinyl chloride			0.0500	0.04132		mg/L		83	60 - 140	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*94*		*80 - 117*

Lab Sample ID: 860-39402-C-1 MS
Matrix: Water
Analysis Batch: 82400

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.05040		mg/L		101	75 - 125		
1,1-Dichloroethane	0.000635	U	0.0500	0.04784		mg/L		96	72 - 125		
1,2-Dichloroethane	0.000590	U	0.0500	0.05436		mg/L		109	68 - 127		
1,1-Dichloroethene	0.000738	U	0.0500	0.05413		mg/L		108	59 - 172		
Tetrachloroethene	0.000801	U	0.0500	0.05750		mg/L		115	71 - 125		
Trichloroethene	0.000791	U	0.0500	0.05467		mg/L		109	62 - 137		
Vinyl chloride	0.000638	U	0.0500	0.04961		mg/L		99	60 - 140		

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

Lab Sample ID: 860-39402-C-1 MS
Matrix: Water
Analysis Batch: 82400

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		74 - 124
Dibromofluoromethane (Surr)	100		75 - 131
1,2-Dichloroethane-d4 (Surr)	100		63 - 144
Toluene-d8 (Surr)	94		80 - 117

Lab Sample ID: MB 860-83304/9
Matrix: Water
Analysis Batch: 83304

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/26/22 15:02	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/26/22 15:02	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/26/22 15:02	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/26/22 15:02	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/26/22 15:02	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/26/22 15:02	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/26/22 15:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		74 - 124		12/26/22 15:02	1
Dibromofluoromethane (Surr)	100		75 - 131		12/26/22 15:02	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		12/26/22 15:02	1
Toluene-d8 (Surr)	106		80 - 117		12/26/22 15:02	1

Lab Sample ID: LCS 860-83304/3
Matrix: Water
Analysis Batch: 83304

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0500	0.04929		mg/L		99	75 - 125
1,1-Dichloroethane	0.0500	0.04889		mg/L		98	70 - 130
1,2-Dichloroethane	0.0500	0.04770		mg/L		95	72 - 130
1,1-Dichloroethene	0.0500	0.04859		mg/L		97	50 - 150
Tetrachloroethene	0.0500	0.05296		mg/L		106	71 - 125
Trichloroethene	0.0500	0.05121		mg/L		102	75 - 135
Vinyl chloride	0.0500	0.04824		mg/L		96	60 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		74 - 124
Dibromofluoromethane (Surr)	99		75 - 131
1,2-Dichloroethane-d4 (Surr)	98		63 - 144
Toluene-d8 (Surr)	99		80 - 117

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

Lab Sample ID: LCSD 860-83304/4
Matrix: Water
Analysis Batch: 83304

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04884		mg/L		98	75 - 125	1	25
1,1-Dichloroethane			0.0500	0.04857		mg/L		97	70 - 130	1	25
1,2-Dichloroethane			0.0500	0.04837		mg/L		97	72 - 130	1	25
1,1-Dichloroethene			0.0500	0.05114		mg/L		102	50 - 150	5	25
Tetrachloroethene			0.0500	0.05442		mg/L		109	71 - 125	3	25
Trichloroethene			0.0500	0.05247		mg/L		105	75 - 135	2	25
Vinyl chloride			0.0500	0.05022		mg/L		100	60 - 140	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: 880-23015-D-1 MS
Matrix: Water
Analysis Batch: 83304

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.04845		mg/L		97	75 - 125		
1,1-Dichloroethane	0.000635	U	0.0500	0.04838		mg/L		97	72 - 125		
1,2-Dichloroethane	0.000590	U	0.0500	0.04806		mg/L		96	68 - 127		
1,1-Dichloroethene	0.000738	U	0.0500	0.05014		mg/L		100	59 - 172		
Tetrachloroethene	0.000801	U	0.0500	0.05163		mg/L		103	71 - 125		
Trichloroethene	0.000791	U	0.0500	0.05100		mg/L		102	62 - 137		
Vinyl chloride	0.000638	U	0.0500	0.04915		mg/L		98	60 - 140		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: MB 860-83515/10
Matrix: Water
Analysis Batch: 83515

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/28/22 10:36	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/28/22 10:36	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/28/22 10:36	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/28/22 10:36	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/28/22 10:36	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/28/22 10:36	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/28/22 10:36	1

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

Lab Sample ID: MB 860-83515/10
Matrix: Water
Analysis Batch: 83515

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		74 - 124		12/28/22 10:36	1
Dibromofluoromethane (Surr)	97		75 - 131		12/28/22 10:36	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		12/28/22 10:36	1
Toluene-d8 (Surr)	102		80 - 117		12/28/22 10:36	1

Lab Sample ID: LCS 860-83515/3
Matrix: Water
Analysis Batch: 83515

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.05298		mg/L		106	75 - 125		
1,1-Dichloroethane			0.0500	0.05229		mg/L		105	70 - 130		
1,2-Dichloroethane			0.0500	0.05298		mg/L		106	72 - 130		
1,1-Dichloroethene			0.0500	0.05339		mg/L		107	50 - 150		
Tetrachloroethene			0.0500	0.05192		mg/L		104	71 - 125		
Trichloroethene			0.0500	0.05086		mg/L		102	75 - 135		
Vinyl chloride			0.0500	0.05128		mg/L		103	60 - 140		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		74 - 124
Dibromofluoromethane (Surr)	101		75 - 131
1,2-Dichloroethane-d4 (Surr)	102		63 - 144
Toluene-d8 (Surr)	99		80 - 117

Lab Sample ID: LCSD 860-83515/4
Matrix: Water
Analysis Batch: 83515

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.05106		mg/L		102	75 - 125	4	25
1,1-Dichloroethane			0.0500	0.05048		mg/L		101	70 - 130	4	25
1,2-Dichloroethane			0.0500	0.05359		mg/L		107	72 - 130	1	25
1,1-Dichloroethene			0.0500	0.05110		mg/L		102	50 - 150	4	25
Tetrachloroethene			0.0500	0.05107		mg/L		102	71 - 125	2	25
Trichloroethene			0.0500	0.05030		mg/L		101	75 - 135	1	25
Vinyl chloride			0.0500	0.04897		mg/L		98	60 - 140	5	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		74 - 124
Dibromofluoromethane (Surr)	99		75 - 131
1,2-Dichloroethane-d4 (Surr)	100		63 - 144
Toluene-d8 (Surr)	100		80 - 117

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

Lab Sample ID: 860-39764-D-3 MS
Matrix: Water
Analysis Batch: 83515

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0111		0.0500	0.05817		mg/L		94	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.04717		mg/L		94	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.04863		mg/L		97	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.04740		mg/L		95	59 - 172
Tetrachloroethene	0.00110		0.0500	0.04946		mg/L		97	71 - 125
Trichloroethene	0.000969	J	0.0500	0.04717		mg/L		92	62 - 137
Vinyl chloride	0.00460		0.0500	0.05337		mg/L		98	60 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

GC/MS VOA

Analysis Batch: 82322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-1	TB-01-12142022	Total/NA	Water	8260D	
860-39419-2	EB-01-12152022	Total/NA	Water	8260D	
860-39419-3	MW-178-12142022	Total/NA	Water	8260D	
860-39419-5	MW-17R-12142022	Total/NA	Water	8260D	
860-39419-6	MW-15R-20142022	Total/NA	Water	8260D	
860-39419-7	MW-100-12142022	Total/NA	Water	8260D	
860-39419-8	MW-70-12142022	Total/NA	Water	8260D	
860-39419-10	MW-181-12142022	Total/NA	Water	8260D	
860-39419-11	MW-110-12142022	Total/NA	Water	8260D	
860-39419-16	MW-01-12142022	Total/NA	Water	8260D	
860-39419-17	MW-50R-12142022	Total/NA	Water	8260D	
860-39419-18	MW-65-12142022	Total/NA	Water	8260D	
860-39419-27	MW-98-12152022	Total/NA	Water	8260D	
MB 860-82322/9	Method Blank	Total/NA	Water	8260D	
LCS 860-82322/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82322/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39422-E-1 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 82347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-4	MW-74-12142022	Total/NA	Water	8260D	
860-39419-9	MW-112-12142022	Total/NA	Water	8260D	
860-39419-12	MW-111-12142022	Total/NA	Water	8260D	
860-39419-13	MW-109-12142022	Total/NA	Water	8260D	
860-39419-14	MW-108-12142022	Total/NA	Water	8260D	
860-39419-15	MW-182-12142022	Total/NA	Water	8260D	
860-39419-19	MW-113-12142022	Total/NA	Water	8260D	
860-39419-20	FD-01-12142022	Total/NA	Water	8260D	
860-39419-21	FD-02-12142022	Total/NA	Water	8260D	
860-39419-22	TB-02-12152022	Total/NA	Water	8260D	
860-39419-23	MW-106-12152022	Total/NA	Water	8260D	
860-39419-24	MW-92-12152022	Total/NA	Water	8260D	
860-39419-25	MW-88-12152022	Total/NA	Water	8260D	
860-39419-26	MW-90-12152022	Total/NA	Water	8260D	
860-39419-29	MW-168-12152022	Total/NA	Water	8260D	
860-39419-30	MW-179-12152022	Total/NA	Water	8260D	
860-39419-32	MW-83-12152022	Total/NA	Water	8260D	
860-39419-33	MW-122-12152022	Total/NA	Water	8260D	
860-39419-34	MW-16R-12152022	Total/NA	Water	8260D	
MB 860-82347/10	Method Blank	Total/NA	Water	8260D	
LCS 860-82347/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82347/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39419-19 MS	MW-113-12142022	Total/NA	Water	8260D	
860-39419-19 MSD	MW-113-12142022	Total/NA	Water	8260D	

Analysis Batch: 82354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-28	MW-97-12152022	Total/NA	Water	8260D	
MB 860-82354/10	Method Blank	Total/NA	Water	8260D	
LCS 860-82354/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82354/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS VOA (Continued)

Analysis Batch: 82354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-28 MS	MW-97-12152022	Total/NA	Water	8260D	
860-39419-28 MSD	MW-97-12152022	Total/NA	Water	8260D	

Analysis Batch: 82377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-31	MW-89-12152022	Total/NA	Water	8260D	
MB 860-82377/11	Method Blank	Total/NA	Water	8260D	
LCS 860-82377/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82377/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39419-31 MS	MW-89-12152022	Total/NA	Water	8260D	
860-39419-31 MSD	MW-89-12152022	Total/NA	Water	8260D	

Analysis Batch: 82400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-29 - DL	MW-168-12152022	Total/NA	Water	8260D	
860-39419-35	FD-03-12152022	Total/NA	Water	8260D	
MB 860-82400/10	Method Blank	Total/NA	Water	8260D	
LCS 860-82400/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82400/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39402-C-1 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 83304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-31 - DL	MW-89-12152022	Total/NA	Water	8260D	
860-39419-35 - DL	FD-03-12152022	Total/NA	Water	8260D	
860-39419-36	FD-04-12152022	Total/NA	Water	8260D	
860-39419-37	FD-05-12152022	Total/NA	Water	8260D	
MB 860-83304/9	Method Blank	Total/NA	Water	8260D	
LCS 860-83304/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83304/4	Lab Control Sample Dup	Total/NA	Water	8260D	
880-23015-D-1 MS	Matrix Spike	Total/NA	Water	8260D	

Analysis Batch: 83515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39419-28 - DL	MW-97-12152022	Total/NA	Water	8260D	
860-39419-36 - DL	FD-04-12152022	Total/NA	Water	8260D	
MB 860-83515/10	Method Blank	Total/NA	Water	8260D	
LCS 860-83515/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83515/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39764-D-3 MS	Matrix Spike	Total/NA	Water	8260D	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: TB-01-12142022
Lab Sample ID: 860-39419-1
Date Collected: 12/14/22 10:00
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 02:02	TTD	EET HOU

Client Sample ID: EB-01-12152022
Lab Sample ID: 860-39419-2
Date Collected: 12/15/22 15:10
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 02:42	TTD	EET HOU

Client Sample ID: MW-178-12142022
Lab Sample ID: 860-39419-3
Date Collected: 12/14/22 10:03
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 03:04	TTD	EET HOU

Client Sample ID: MW-74-12142022
Lab Sample ID: 860-39419-4
Date Collected: 12/14/22 10:50
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 02:04	TTD	EET HOU

Client Sample ID: MW-17R-12142022
Lab Sample ID: 860-39419-5
Date Collected: 12/14/22 11:18
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 03:46	TTD	EET HOU

Client Sample ID: MW-15R-20142022
Lab Sample ID: 860-39419-6
Date Collected: 12/14/22 11:50
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 04:07	TTD	EET HOU

Client Sample ID: MW-100-12142022
Lab Sample ID: 860-39419-7
Date Collected: 12/14/22 12:20
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 04:29	TTD	EET HOU

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: MW-70-12142022
Lab Sample ID: 860-39419-8
Date Collected: 12/14/22 12:40
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 04:50	TTD	EET HOU

Client Sample ID: MW-112-12142022
Lab Sample ID: 860-39419-9
Date Collected: 12/14/22 13:52
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 02:23	TTD	EET HOU

Client Sample ID: MW-181-12142022
Lab Sample ID: 860-39419-10
Date Collected: 12/14/22 14:11
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 05:32	TTD	EET HOU

Client Sample ID: MW-110-12142022
Lab Sample ID: 860-39419-11
Date Collected: 12/14/22 14:34
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 05:54	TTD	EET HOU

Client Sample ID: MW-111-12142022
Lab Sample ID: 860-39419-12
Date Collected: 12/14/22 14:16
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 02:42	TTD	EET HOU

Client Sample ID: MW-109-12142022
Lab Sample ID: 860-39419-13
Date Collected: 12/14/22 14:57
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 03:01	TTD	EET HOU

Client Sample ID: MW-108-12142022
Lab Sample ID: 860-39419-14
Date Collected: 12/14/22 15:10
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 03:20	TTD	EET HOU

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: MW-182-12142022
Date Collected: 12/14/22 15:31
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 03:39	TTD	EET HOU

Client Sample ID: MW-01-12142022
Date Collected: 12/14/22 15:54
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 07:40	TTD	EET HOU

Client Sample ID: MW-50R-12142022
Date Collected: 12/14/22 16:27
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 08:01	TTD	EET HOU

Client Sample ID: MW-65-12142022
Date Collected: 12/14/22 16:58
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 08:22	TTD	EET HOU

Client Sample ID: MW-113-12142022
Date Collected: 12/14/22 17:20
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 01:45	TTD	EET HOU

Client Sample ID: FD-01-12142022
Date Collected: 12/14/22 00:00
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 03:58	TTD	EET HOU

Client Sample ID: FD-02-12142022
Date Collected: 12/14/22 00:00
Date Received: 12/15/22 16:22

Lab Sample ID: 860-39419-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 04:17	TTD	EET HOU

Client Sample ID: TB-02-12152022
Lab Sample ID: 860-39419-22
Date Collected: 12/15/22 08:00
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 01:26	TTD	EET HOU

Client Sample ID: MW-106-12152022
Lab Sample ID: 860-39419-23
Date Collected: 12/15/22 08:23
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 04:36	TTD	EET HOU

Client Sample ID: MW-92-12152022
Lab Sample ID: 860-39419-24
Date Collected: 12/15/22 08:54
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 04:55	TTD	EET HOU

Client Sample ID: MW-88-12152022
Lab Sample ID: 860-39419-25
Date Collected: 12/15/22 09:14
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 05:14	TTD	EET HOU

Client Sample ID: MW-90-12152022
Lab Sample ID: 860-39419-26
Date Collected: 12/15/22 09:31
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 05:33	TTD	EET HOU

Client Sample ID: MW-98-12152022
Lab Sample ID: 860-39419-27
Date Collected: 12/15/22 09:56
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82322	12/17/22 09:20	TTD	EET HOU

Client Sample ID: MW-97-12152022
Lab Sample ID: 860-39419-28
Date Collected: 12/15/22 10:15
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82354	12/17/22 15:09	TTD	EET HOU
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	83515	12/28/22 15:15	AN	EET HOU

Client Sample ID: MW-168-12152022

Lab Sample ID: 860-39419-29
Date Collected: 12/15/22 11:05
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 06:11	TTD	EET HOU
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	82400	12/18/22 10:50	TTD	EET HOU

Client Sample ID: MW-179-12152022

Lab Sample ID: 860-39419-30
Date Collected: 12/15/22 11:33
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 06:30	TTD	EET HOU

Client Sample ID: MW-89-12152022

Lab Sample ID: 860-39419-31
Date Collected: 12/15/22 12:53
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82377	12/18/22 02:18	NA	EET HOU
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	83304	12/26/22 16:18	NA	EET HOU

Client Sample ID: MW-83-12152022

Lab Sample ID: 860-39419-32
Date Collected: 12/15/22 13:31
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 06:49	TTD	EET HOU

Client Sample ID: MW-122-12152022

Lab Sample ID: 860-39419-33
Date Collected: 12/15/22 14:01
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 07:08	TTD	EET HOU

Client Sample ID: MW-16R-12152022

Lab Sample ID: 860-39419-34
Date Collected: 12/15/22 14:32
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82347	12/18/22 07:27	TTD	EET HOU

Client Sample ID: FD-03-12152022

Lab Sample ID: 860-39419-35
Date Collected: 12/15/22 00:00
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	83304	12/26/22 16:37	NA	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	82400	12/18/22 05:34	TTD	EET HOU

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Client Sample ID: FD-04-12152022

Lab Sample ID: 860-39419-36

Date Collected: 12/15/22 00:00
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83304	12/26/22 20:06	NA	EET HOU
Total/NA	Analysis	8260D	DL	10	5 mL	5 mL	83515	12/28/22 15:36	AN	EET HOU

Client Sample ID: FD-05-12152022

Lab Sample ID: 860-39419-37

Date Collected: 12/15/22 00:00
Matrix: Water
Date Received: 12/15/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83304	12/26/22 20:25	NA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-39419-1
Project/Site: STC Silber Rd Annual GW

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-23-50	03-13-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-39419-1	TB-01-12142022	Water	12/14/22 10:00	12/15/22 16:22
860-39419-2	EB-01-12152022	Water	12/15/22 15:10	12/15/22 16:22
860-39419-3	MW-178-12142022	Water	12/14/22 10:03	12/15/22 16:22
860-39419-4	MW-74-12142022	Water	12/14/22 10:50	12/15/22 16:22
860-39419-5	MW-17R-12142022	Water	12/14/22 11:18	12/15/22 16:22
860-39419-6	MW-15R-20142022	Water	12/14/22 11:50	12/15/22 16:22
860-39419-7	MW-100-12142022	Water	12/14/22 12:20	12/15/22 16:22
860-39419-8	MW-70-12142022	Water	12/14/22 12:40	12/15/22 16:22
860-39419-9	MW-112-12142022	Water	12/14/22 13:52	12/15/22 16:22
860-39419-10	MW-181-12142022	Water	12/14/22 14:11	12/15/22 16:22
860-39419-11	MW-110-12142022	Water	12/14/22 14:34	12/15/22 16:22
860-39419-12	MW-111-12142022	Water	12/14/22 14:16	12/15/22 16:22
860-39419-13	MW-109-12142022	Water	12/14/22 14:57	12/15/22 16:22
860-39419-14	MW-108-12142022	Water	12/14/22 15:10	12/15/22 16:22
860-39419-15	MW-182-12142022	Water	12/14/22 15:31	12/15/22 16:22
860-39419-16	MW-01-12142022	Water	12/14/22 15:54	12/15/22 16:22
860-39419-17	MW-50R-12142022	Water	12/14/22 16:27	12/15/22 16:22
860-39419-18	MW-65-12142022	Water	12/14/22 16:58	12/15/22 16:22
860-39419-19	MW-113-12142022	Water	12/14/22 17:20	12/15/22 16:22
860-39419-20	FD-01-12142022	Water	12/14/22 00:00	12/15/22 16:22
860-39419-21	FD-02-12142022	Water	12/14/22 00:00	12/15/22 16:22
860-39419-22	TB-02-12152022	Water	12/15/22 08:00	12/15/22 16:22
860-39419-23	MW-106-12152022	Water	12/15/22 08:23	12/15/22 16:22
860-39419-24	MW-92-12152022	Water	12/15/22 08:54	12/15/22 16:22
860-39419-25	MW-88-12152022	Water	12/15/22 09:14	12/15/22 16:22
860-39419-26	MW-90-12152022	Water	12/15/22 09:31	12/15/22 16:22
860-39419-27	MW-98-12152022	Water	12/15/22 09:56	12/15/22 16:22
860-39419-28	MW-97-12152022	Water	12/15/22 10:15	12/15/22 16:22
860-39419-29	MW-168-12152022	Water	12/15/22 11:05	12/15/22 16:22
860-39419-30	MW-179-12152022	Water	12/15/22 11:33	12/15/22 16:22
860-39419-31	MW-89-12152022	Water	12/15/22 12:53	12/15/22 16:22
860-39419-32	MW-83-12152022	Water	12/15/22 13:31	12/15/22 16:22
860-39419-33	MW-122-12152022	Water	12/15/22 14:01	12/15/22 16:22
860-39419-34	MW-16R-12152022	Water	12/15/22 14:32	12/15/22 16:22
860-39419-35	FD-03-12152022	Water	12/15/22 00:00	12/15/22 16:22
860-39419-36	FD-04-12152022	Water	12/15/22 00:00	12/15/22 16:22
860-39419-37	FD-05-12152022	Water	12/15/22 00:00	12/15/22 16:22

Appendix A

Laboratory Data Package Cover Page - Page 1 of 4

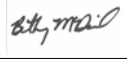
This data package is for Job No. 860-39419-1 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- ☑ R1- Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. preparation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified coumpounds (TICs).
- ☑ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☐ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
- ☑ R10 - Other problems or anomalies.
- ☐ Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspected by ☐ TCEQ or ☐ _____ on __/__/__. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date
Bethany McDaniel		Senior Project Manager	03/23/2023

Laboratory Data Package Cover Page - Page 2 of 4

Laboratory Name: Eurofins Houston	LRC Date: 03/23/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39419-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?	✓				
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample detection limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?			✓		
		Were % moisture (or solids) reported for all soil and sediment samples?			✓		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			✓		
		If required for the project, are TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			1
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?		✓			2
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Laboratory Name: Eurofins Houston	LRC Date: 03/23/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39419-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	✓				
		Were percent RSDs or correlation coefficient criteria met?	✓				
		Was the number of standards recommended in the method used for all analytes?	✓				
		Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
		Are ICAL data available for all instruments used?	✓				
		Has the initial calibration curve been verified using an appropriate second source standard?	✓				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	✓				
		Were percent differences for each analyte within the method-required QC limits?		✓			3
		Was the ICAL curve verified for each analyte?	✓				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			✓		
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?	✓				
		Were ion abundance data within the method-required QC limits?	✓				
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?	✓				
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
		Were data associated with manual integrations flagged on the raw data?	✓				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			✓		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?			✓		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	✓				
		Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	✓				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	✓				
		Is documentation of the analyst's competency up-to-date and on file?	✓				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period;
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Cover Page - Page 4 of 4

Laboratory Name: Eurofins Houston	LRC Date: 03/23/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39419-1
Reviewer Name: Bethany McDaniel	

ER#[1]	Description
1	Method 8260D: Due to the high concentration of Tetrachloroethene, the matrix spike(MS) for analytical batch 860-82347 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS/LCSD) met acceptance criteria. Method 8260D: Due to the high concentration of 1,1-Dichloroethene, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-82377 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-82354 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) recovery is within acceptance limits. Method 8260D: The matrix spike duplicate (MSD) recoveries for analytical batch 860-82347 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) met acceptance criteria.
2	Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-168-12152022 (860-39419-29). Elevated reporting limits (RLs) are provided. Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-89-12152022 (860-39419-31) and FD-03-12152022 (860-39419-35). Elevated reporting limits (RLs) are provided. Method 8260D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-97-12152022 (860-39419-28) and FD-04-12152022 (860-39419-36). Elevated reporting limits (RLs) are provided.
3	Method 8260D: The continuing calibration verification (CCV) associated with batch 860-82322 recovered above the upper control limit for Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 860-82322/2).
Misc.	Method 8260D: The result came out for dilution is low compared to the first run, but was confirmed by the result from the second vial.All 3 vials were loaded.FD-04-12152022 (860-39419-36)

1. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

Detection Check Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39419-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**
Prep Method: 5030C-Purge and Trap
Instrument: A292 — **Detector: MSD/0** — **Column: DB-624**

Analyte	Spike Added	Result	Qualifier	Unit	RL	MDL	Analysis Date	Analysis Batch
Trichloroethene	0.000500	<0.00500	U	mg/L	0.00500	0.000791	10/26/2022	860-74824
Vinyl chloride	0.000500	<0.00200	U	mg/L	0.00200	0.000638	10/26/2022	860-74824
cis-1,2-Dichloroethene	0.000500	<0.00100	U	mg/L	0.00100	0.000714	10/26/2022	860-74824
1,1-Dichloroethane	0.000500	<0.00100	U	mg/L	0.00100	0.000635	10/26/2022	860-74824
1,2-Dichloroethane	0.000500	<0.00100	U	mg/L	0.00100	0.000590	10/26/2022	860-74824
1,1-Dichloroethene	0.000500	<0.00100	U	mg/L	0.00100	0.000738	10/26/2022	860-74824
Tetrachloroethene	0.000500	<0.00100	U	mg/L	0.00100	0.000801	10/26/2022	860-74824

Matrix: Water — **Prep Type: Total/NA**
Prep Method: 5030C-Purge and Trap
Instrument: A295 — **Detector: MSD/0** — **Column: DB-624**

Analyte	Spike Added	Result	Qualifier	Unit	RL	MDL	Analysis Date	Analysis Batch
Trichloroethene	0.00250	0.00255	J	mg/L	0.00500	0.000791	11/02/2022	860-75800
Vinyl chloride	0.00250	0.00219		mg/L	0.00200	0.000638	11/02/2022	860-75800
cis-1,2-Dichloroethene	0.00250	0.00218		mg/L	0.00100	0.000714	11/02/2022	860-75800
1,1-Dichloroethane	0.00250	0.00233		mg/L	0.00100	0.000635	11/02/2022	860-75800
1,2-Dichloroethane	0.00250	0.00254		mg/L	0.00100	0.000590	11/02/2022	860-75800
1,1-Dichloroethene	0.00250	0.00231		mg/L	0.00100	0.000738	11/02/2022	860-75800
Tetrachloroethene	0.00250	0.00245		mg/L	0.00100	0.000801	11/02/2022	860-75800

Matrix: Water — **Prep Type: Total/NA**
Prep Method: 5030C-Purge and Trap
Instrument: A325 — **Detector: MSD/0** — **Column: DB-624**

Analyte	Spike Added	Result	Qualifier	Unit	RL	MDL	Analysis Date	Analysis Batch
Trichloroethene	0.000500	<0.00500	U	mg/L	0.00500	0.000791	10/26/2022	860-74815
Vinyl chloride	0.000500	<0.00200	U	mg/L	0.00200	0.000638	10/26/2022	860-74815
cis-1,2-Dichloroethene	0.000500	<0.00100	U	mg/L	0.00100	0.000714	10/26/2022	860-74815
1,1-Dichloroethane	0.000500	<0.00100	U	mg/L	0.00100	0.000635	10/26/2022	860-74815
1,2-Dichloroethane	0.000500	<0.00100	U	mg/L	0.00100	0.000590	10/26/2022	860-74815
1,1-Dichloroethene	0.000500	0.000868	J	mg/L	0.00100	0.000738	10/26/2022	860-74815
Tetrachloroethene	0.000500	<0.00100	U	mg/L	0.00100	0.000801	10/26/2022	860-74815

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tanya Babu / Faith Morris	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271 1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 1 of 4
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02			
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02			
Project Name: STC Silber Rd Annual GW	Project #: 86002024			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J Di Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D (MOD) VOCs Custom List (7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TB-01-12142022	12-14-22	1000	grab	Water			X		
EB-01-12152022	12-15-22	1510		Water					
MW-178 12142022	12-14-22	1003		Water					
MW-74-12142022		1050		Water					
MW-17R-12142022		1118		Water					
MW-15R-12142022		1150		Water					
MW-100-12142022		1220		Water					
MW-70-12142022		1240		Water					
MW-112-12142022		1352		Water					
MW-181-12142022		1411		Water					
MW-110-12142022		1434		Water					

860-39419 Chain of Custody

Temp: 2.1 IR ID:HOU-343
C/F +0.3
Corrected Temp: 2.4

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	(Tanya Babu)	12-15 2022	Jacobs		12/15/22 1622	EH
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tanica Babu / Faith Morris	Lab PM: McDaniel Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271 1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 2 of 4
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D3662229 C CS.TPE.SIL.22-05-02			
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02			
Project Name: STC Silber Rd Annual GW	Project #: 86002024			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D (MOD) VOCs Custom List (7)	Total Number of containers	Special Instructions/Note:
		Preservation Code:					A		
MW-111-12142022	12/14-22	1416	G	Water			X		
MW-109-12142022		1457		Water					
MW-108-12142022		1510		Water					
MW-~~127~~ 128-12142022		1531		Water					
MW-01-12142022		1554		Water					
MW-50R-12142022		1627		Water					
MW-65-12142022		1658		Water					
MW-113-12142022		1720		Water		X			
FD-01-12142022		—		Water					
FD-02-12142022		—		Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	(Tanica Babu)	12-15-2022	Jacobs		12/15/22 1622	EX
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tanua Babu / Faith Morris	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271 1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 3 of 4
Company: Jacobs Engineering Group, Inc.	PWSID:	Analysis Requested		Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02			
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02			
Project Name: STC Silber Rd Annual GW	Project #: 86002024			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D (MOD) VOCs Custom List (7)	Total Number of containers	Special Instructions/Note:
TB-02-12152022	12-15-22	0800	G	Water				X		
MW-106-12152022		0823		Water						
MW-92-12152022		0854		Water						
MW-88-12152022		0914		Water						
MW-90-12152022		0931		Water						
MW-98-12152022		0956		Water						
MW-97-12152022		1015		Water			X			
MW-108-12152022		1105		Water						
MW-179-12152022		1133		Water						
MW-89-12152022		1253		Water			X			
MW 03-12152002	↓	1331	↓	Water				↓		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify) TRRP

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: (Tanua Babu)	Date/Time: 12 15-2022	Company: Jacobs	Received by:	Date/Time: 12/15/22 1622	Company: EX
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver 01/16/2019

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tanuj Babu / Faith Morris	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271 1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 4 of 4
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:			
City: Houston	TAT Requested (days): STD			
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02			
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02			
Project Name: STC Silber Rd Annual GW	Project #: 86002024			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D (MOD) VOCs Custom List (7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-122-12152022	12-15-2022	1401	G	Water			X		
MW-16R-12152022		1432		Water					
FD-03-12152022		-		Water					
FD-04-12152022		-		Water					
FD-05-12152022		-		Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRRP

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-15-22	JACOBS		12/15/22 1622	GX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 860-39419-1

Login Number: 39419
List Number: 1
Creator: Milone, Jeancarlo

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	RECEIVED msd vials for sample 28
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Knott
Jacobs Engineering Group, Inc.
12750 Merit Drive
Suite 1100
Dallas, Texas 75251

Generated 12/29/2022 6:22:46 AM

JOB DESCRIPTION

STC Silber Rd Annual GW

JOB NUMBER

860-39483-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

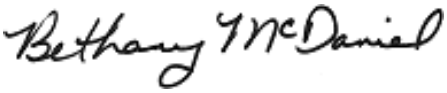
See page two for job notes and contact information.

Eurofins Houston

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/29/2022 6:22:46 AM

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
(713)358-2005

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
N1	MS, MSD: Spike recovery exceeds upper or lower control limits.
U	Analyte was not detected at or above the SDL.

Glossary

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

Job ID: 860-39483-1

Laboratory: Eurofins Houston

Narrative

Job Narrative
860-39483-1

Receipt
The samples were received on 12/17/2022 8:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

Receipt Exceptions
One or more containers for the following sample was received broken or leaking: MW-160-12162022 (860-39483-4). 1 of 3 voa vials received broken. 2 remaining voa vials.

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Client Sample ID: TB-01-12162022 — Lab Sample ID: 860-39483-1

No Detections.

Client Sample ID: MW-93R-12162022 — Lab Sample ID: 860-39483-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00301		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00669		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0401		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.0168		0.00500	0.000791	mg/L	1		8260D	Total/NA
Tetrachloroethene - DL	0.186		0.00500	0.00401	mg/L	5		8260D	Total/NA

Client Sample ID: MW-161-12162022 — Lab Sample ID: 860-39483-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00120		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00668		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0334		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.00103	J	0.00500	0.000791	mg/L	1		8260D	Total/NA
Tetrachloroethene - RA	0.00327		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: MW-160-12162022 — Lab Sample ID: 860-39483-4

No Detections.

Client Sample ID: MW-162-12162022 — Lab Sample ID: 860-39483-5

No Detections.

Client Sample ID: MW-147-12162022 — Lab Sample ID: 860-39483-6

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00233		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.000998	J	0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00163		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00536		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00114	J	0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: MW-146-12162022 — Lab Sample ID: 860-39483-7

No Detections.

Client Sample ID: MW-121-12162022 — Lab Sample ID: 860-39483-8

No Detections.

Client Sample ID: MW-71-12162022 — Lab Sample ID: 860-39483-9

No Detections.

Client Sample ID: MW-76-12162022 — Lab Sample ID: 860-39483-10

No Detections.

Client Sample ID: MW-163-12162022 — Lab Sample ID: 860-39483-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.00662		0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.0142		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0337		0.00100	0.000738	mg/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: MW-163-12162022 (Continued) — Lab Sample ID: 860-39483-11

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00809		0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00468	J	0.00500	0.000791	mg/L	1		8260D	Total/NA
Vinyl chloride	0.00213		0.00200	0.000638	mg/L	1		8260D	Total/NA

Client Sample ID: SWD-20-12162022 — Lab Sample ID: 860-39483-12

No Detections.

Client Sample ID: FD-06-12162022 — Lab Sample ID: 860-39483-13

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: TB-01-12162022

Lab Sample ID: 860-39483-1
Date Collected: 12/16/22 07:00
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 19:01	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 19:01	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 19:01	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 19:01	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 19:01	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 19:01	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*12/19/22 19:01*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/19/22 19:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/19/22 19:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/19/22 19:01*	*1*

Client Sample ID: MW-93R-12162022

Lab Sample ID: 860-39483-2
Date Collected: 12/16/22 07:46
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00301**		0.00100	0.000714	mg/L			12/19/22 19:38	1
1,1-Dichloroethane	**0.00669**		0.00100	0.000635	mg/L			12/19/22 19:38	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 19:38	1
1,1-Dichloroethene	**0.0401**		0.00100	0.000738	mg/L			12/19/22 19:38	1
Trichloroethene	**0.0168**		0.00500	0.000791	mg/L			12/19/22 19:38	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/19/22 19:38*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*12/19/22 19:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/19/22 19:38*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/19/22 19:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.186**		0.00500	0.00401	mg/L			12/22/22 07:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*12/22/22 07:54*	*5*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/22/22 07:54*	*5*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*12/22/22 07:54*	*5*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/22/22 07:54*	*5*

Client Sample ID: MW-161-12162022

Lab Sample ID: 860-39483-3
Date Collected: 12/16/22 08:10
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00120**		0.00100	0.000714	mg/L			12/19/22 19:57	1
1,1-Dichloroethane	**0.00668**		0.00100	0.000635	mg/L			12/19/22 19:57	1

Client Sample ID: MW-161-12162022

Lab Sample ID: 860-39483-3

Date Collected: 12/16/22 08:10

Matrix: Water

Date Received: 12/17/22 08:35

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 19:57	1
1,1-Dichloroethene	**0.0334**		0.00100	0.000738	mg/L			12/19/22 19:57	1
Trichloroethene	**0.00103**	**J**	0.00500	0.000791	mg/L			12/19/22 19:57	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/19/22 19:57*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/19/22 19:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*		*12/19/22 19:57*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*12/19/22 19:57*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.00327**		0.00100	0.000801	mg/L			12/26/22 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/26/22 16:56*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*12/26/22 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*12/26/22 16:56*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/26/22 16:56*	*1*

Client Sample ID: MW-160-12162022

Lab Sample ID: 860-39483-4

Date Collected: 12/16/22 08:25

Matrix: Water

Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 20:16	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 20:16	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 20:16	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 20:16	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 20:16	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/19/22 20:16*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*12/19/22 20:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/19/22 20:16*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/19/22 20:16*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/26/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*12/26/22 17:15*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*12/26/22 17:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*12/26/22 17:15*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/26/22 17:15*	*1*

Client Sample ID: MW-162-12162022

Lab Sample ID: 860-39483-5

Date Collected: 12/16/22 08:40

Matrix: Water

Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 20:35	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 20:35	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 20:35	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 20:35	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 20:35	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 20:35	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*		*12/19/22 20:35*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/19/22 20:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/19/22 20:35*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/19/22 20:35*	*1*

Client Sample ID: MW-147-12162022

Lab Sample ID: 860-39483-6

Date Collected: 12/16/22 08:58

Matrix: Water

Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00233**		0.00100	0.000714	mg/L			12/19/22 20:54	1
1,1-Dichloroethane	**0.000998**	**J**	0.00100	0.000635	mg/L			12/19/22 20:54	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 20:54	1
1,1-Dichloroethene	**0.00163**		0.00100	0.000738	mg/L			12/19/22 20:54	1
Tetrachloroethene	**0.00536**		0.00100	0.000801	mg/L			12/19/22 20:54	1
Trichloroethene	**0.00114**	**J**	0.00500	0.000791	mg/L			12/19/22 20:54	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/19/22 20:54*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*12/19/22 20:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*12/19/22 20:54*	*1*
Toluene-d8 (Surr)	*96*		*80 - 117*		*12/19/22 20:54*	*1*

Client Sample ID: MW-146-12162022

Lab Sample ID: 860-39483-7

Date Collected: 12/16/22 09:16

Matrix: Water

Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 21:13	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 21:13	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 21:13	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 21:13	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 21:13	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 21:13	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/19/22 21:13*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/19/22 21:13*	*1*

Client Sample ID: MW-146-12162022

Lab Sample ID: 860-39483-7
Date Collected: 12/16/22 09:16
Matrix: Water
Date Received: 12/17/22 08:35

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/19/22 21:13*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/19/22 21:13*	*1*

Client Sample ID: MW-121-12162022

Lab Sample ID: 860-39483-8
Date Collected: 12/16/22 09:42
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 21:32	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 21:32	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 21:32	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 21:32	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 21:32	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 21:32	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*12/19/22 21:32*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/19/22 21:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/19/22 21:32*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/19/22 21:32*	*1*

Client Sample ID: MW-71-12162022

Lab Sample ID: 860-39483-9
Date Collected: 12/16/22 10:03
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 21:51	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 21:51	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 21:51	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 21:51	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 21:51	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 21:51	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*12/19/22 21:51*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/19/22 21:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*		*12/19/22 21:51*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/19/22 21:51*	*1*

Client Sample ID: MW-76-12162022

Lab Sample ID: 860-39483-10
Date Collected: 12/16/22 11:01
Matrix: Water
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 22:10	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 22:10	1

Client Sample ID: MW-76-12162022

Lab Sample ID: 860-39483-10
Matrix: Water
Date Collected: 12/16/22 11:01
Date Received: 12/17/22 08:35

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 22:10	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 22:10	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 22:10	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 22:10	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*12/19/22 22:10*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 131*		*12/19/22 22:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*63 - 144*		*12/19/22 22:10*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*12/19/22 22:10*	*1*

Client Sample ID: MW-163-12162022

Lab Sample ID: 860-39483-11
Matrix: Water
Date Collected: 12/16/22 14:00
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.00662**		0.00100	0.000714	mg/L			12/19/22 22:29	1
1,1-Dichloroethane	**0.0142**		0.00100	0.000635	mg/L			12/19/22 22:29	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 22:29	1
1,1-Dichloroethene	**0.0337**		0.00100	0.000738	mg/L			12/19/22 22:29	1
Tetrachloroethene	**0.00809**		0.00100	0.000801	mg/L			12/19/22 22:29	1
Trichloroethene	**0.00468**	**J**	0.00500	0.000791	mg/L			12/19/22 22:29	1
Vinyl chloride	**0.00213**		0.00200	0.000638	mg/L			12/19/22 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/19/22 22:29*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/19/22 22:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*63 - 144*		*12/19/22 22:29*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/19/22 22:29*	*1*

Client Sample ID: SWD-20-12162022

Lab Sample ID: 860-39483-12
Matrix: Water
Date Collected: 12/16/22 15:30
Date Received: 12/17/22 08:35

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 19:19	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 19:19	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 19:19	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 19:19	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 19:19	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 19:19	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/19/22 19:19*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/19/22 19:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*63 - 144*		*12/19/22 19:19*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/19/22 19:19*	*1*

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Client Sample ID: FD-06-12162022
Date Collected: 12/16/22 00:00
Date Received: 12/17/22 08:35

Lab Sample ID: 860-39483-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 22:48	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 22:48	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 22:48	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 22:48	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 22:48	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 22:48	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 22:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/19/22 22:48*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/19/22 22:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*63 - 144*		*12/19/22 22:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*12/19/22 22:48*	*1*

Unadjusted Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	MQL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
1,2-Dichloroethane	0.00100	0.000590	mg/L
cis-1,2-Dichloroethene	0.00100	0.000714	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L
Trichloroethene	0.00500	0.000791	mg/L
Vinyl chloride	0.00200	0.000638	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-39473-B-3 MS	Matrix Spike	94	98	99	94
860-39473-B-3 MSD	Matrix Spike Duplicate	101	98	103	101
860-39483-1	TB-01-12162022	107	98	91	102
860-39483-2	MW-93R-12162022	108	99	92	99
860-39483-2 - DL	MW-93R-12162022	101	100	104	100
860-39483-3	MW-161-12162022	102	96	88	96
860-39483-3 - RA	MW-161-12162022	110	103	105	102
860-39483-4	MW-160-12162022	106	99	93	103
860-39483-4 - RA	MW-160-12162022	104	101	103	103
860-39483-5	MW-162-12162022	109	96	90	98
860-39483-6	MW-147-12162022	102	95	92	96
860-39483-7	MW-146-12162022	102	97	90	99
860-39483-8	MW-121-12162022	108	97	91	103
860-39483-9	MW-71-12162022	102	96	94	100
860-39483-10	MW-76-12162022	107	94	89	98
860-39483-11	MW-163-12162022	106	96	90	102
860-39483-12	SWD-20-12162022	103	98	91	100
860-39483-12 MS	SWD-20-12162022	99	92	87	96
860-39483-12 MSD	SWD-20-12162022	99	94	86	96
860-39483-13	FD-06-12162022	106	97	93	101
880-23015-D-1 MS	Matrix Spike	101	98	98	97
LCS 860-82454/3	Lab Control Sample	100	94	86	97
LCS 860-83028/3	Lab Control Sample	101	98	102	98
LCS 860-83304/3	Lab Control Sample	98	99	98	99
LCSD 860-82454/4	Lab Control Sample Dup	100	94	87	98
LCSD 860-83028/4	Lab Control Sample Dup	100	97	103	102
LCSD 860-83304/4	Lab Control Sample Dup	97	97	97	98
MB 860-82454/10	Method Blank	110	96	88	99
MB 860-83028/9	Method Blank	107	102	104	102
MB 860-83304/9	Method Blank	106	100	101	106

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-82454/10
Matrix: Water
Analysis Batch: 82454

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/19/22 18:42	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/19/22 18:42	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/19/22 18:42	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/19/22 18:42	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/19/22 18:42	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/19/22 18:42	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/19/22 18:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/19/22 18:42*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*12/19/22 18:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 144*		*12/19/22 18:42*	*1*
Toluene-d8 (Surr)	*99*		*80 - 117*		*12/19/22 18:42*	*1*

Lab Sample ID: LCS 860-82454/3
Matrix: Water
Analysis Batch: 82454

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.04408		mg/L		88	75 - 125		
1,1-Dichloroethane			0.0500	0.04384		mg/L		88	70 - 130		
1,2-Dichloroethane			0.0500	0.04240		mg/L		85	72 - 130		
1,1-Dichloroethene			0.0500	0.05260		mg/L		105	50 - 150		
Tetrachloroethene			0.0500	0.05955		mg/L		119	71 - 125		
Trichloroethene			0.0500	0.05591		mg/L		112	75 - 135		
Vinyl chloride			0.0500	0.04848		mg/L		97	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: LCSD 860-82454/4
Matrix: Water
Analysis Batch: 82454

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04332		mg/L		87	75 - 125	2	25
1,1-Dichloroethane			0.0500	0.04365		mg/L		87	70 - 130	0	25
1,2-Dichloroethane			0.0500	0.04298		mg/L		86	72 - 130	1	25
1,1-Dichloroethene			0.0500	0.05110		mg/L		102	50 - 150	3	25
Tetrachloroethene			0.0500	0.05934		mg/L		119	71 - 125	0	25
Trichloroethene			0.0500	0.05605		mg/L		112	75 - 135	0	25
Vinyl chloride			0.0500	0.04657		mg/L		93	60 - 140	4	25

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

Lab Sample ID: LCSD 860-82454/4
Matrix: Water
Analysis Batch: 82454

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: 860-39483-12 MS
Matrix: Water
Analysis Batch: 82454

Client Sample ID: SWD-20-12162022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.05005		mg/L		100	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.05138		mg/L		103	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.05142		mg/L		103	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.05118		mg/L		102	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.07033	N1	mg/L		141	71 - 125
Trichloroethene	0.000791	U	0.0500	0.06392		mg/L		128	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.04511		mg/L		90	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

Lab Sample ID: 860-39483-12 MSD
Matrix: Water
Analysis Batch: 82454

Client Sample ID: SWD-20-12162022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.04590		mg/L		92	75 - 125	9	25
1,1-Dichloroethane	0.000635	U	0.0500	0.04584		mg/L		92	72 - 125	11	25
1,2-Dichloroethane	0.000590	U	0.0500	0.04892		mg/L		98	68 - 127	5	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04301		mg/L		86	59 - 172	17	25
Tetrachloroethene	0.000801	U	0.0500	0.05985		mg/L		120	71 - 125	16	25
Trichloroethene	0.000791	U	0.0500	0.05684		mg/L		114	62 - 137	12	25
Vinyl chloride	0.000638	U	0.0500	0.03549		mg/L		71	60 - 140	24	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
Toluene-d8 (Surr)	*96*		*80 - 117*

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

Lab Sample ID: MB 860-83028/9
Matrix: Water
Analysis Batch: 83028

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/22/22 02:12	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/22/22 02:12	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/22/22 02:12	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/22/22 02:12	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/22/22 02:12	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/22/22 02:12	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/22/22 02:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*74 - 124*		*12/22/22 02:12*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*12/22/22 02:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*12/22/22 02:12*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/22/22 02:12*	*1*

Lab Sample ID: LCS 860-83028/3
Matrix: Water
Analysis Batch: 83028

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0500	0.05034		mg/L		101	75 - 125
1,1-Dichloroethane	0.0500	0.05277		mg/L		106	70 - 130
1,2-Dichloroethane	0.0500	0.05155		mg/L		103	72 - 130
1,1-Dichloroethene	0.0500	0.05602		mg/L		112	50 - 150
Tetrachloroethene	0.0500	0.05933		mg/L		119	71 - 125
Trichloroethene	0.0500	0.06065		mg/L		121	75 - 135
Vinyl chloride	0.0500	0.05325		mg/L		106	60 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: LCSD 860-83028/4
Matrix: Water
Analysis Batch: 83028

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0500	0.04745		mg/L		95	75 - 125	6	25
1,1-Dichloroethane	0.0500	0.04973		mg/L		99	70 - 130	6	25
1,2-Dichloroethane	0.0500	0.05013		mg/L		100	72 - 130	3	25
1,1-Dichloroethene	0.0500	0.04823		mg/L		96	50 - 150	15	25
Tetrachloroethene	0.0500	0.05632		mg/L		113	71 - 125	5	25
Trichloroethene	0.0500	0.05543		mg/L		111	75 - 135	9	25
Vinyl chloride	0.0500	0.04572		mg/L		91	60 - 140	15	25

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

Lab Sample ID: LCSD 860-83028/4
Matrix: Water
Analysis Batch: 83028

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

Lab Sample ID: 860-39473-B-3 MS
Matrix: Water
Analysis Batch: 83028

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.0125		0.0500	0.06078		mg/L		97	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.05395		mg/L		108	72 - 125
1,2-Dichloroethane	0.103		0.0500	0.1219	N1	mg/L		38	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.06041		mg/L		121	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.05779		mg/L		116	71 - 125
Trichloroethene	0.000791	U	0.0500	0.05707		mg/L		114	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.05099		mg/L		102	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
Toluene-d8 (Surr)	*94*		*80 - 117*

Lab Sample ID: 860-39473-B-3 MSD
Matrix: Water
Analysis Batch: 83028

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0125		0.0500	0.05848		mg/L		92	75 - 125	4	25
1,1-Dichloroethane	0.000635	U	0.0500	0.05097		mg/L		102	72 - 125	6	25
1,2-Dichloroethane	0.103		0.0500	0.1280	N1	mg/L		50	68 - 127	5	25
1,1-Dichloroethene	0.000738	U	0.0500	0.05194		mg/L		104	59 - 172	15	25
Tetrachloroethene	0.000801	U	0.0500	0.05660		mg/L		113	71 - 125	2	25
Trichloroethene	0.000791	U	0.0500	0.05478		mg/L		110	62 - 137	4	25
Vinyl chloride	0.000638	U	0.0500	0.04573		mg/L		91	60 - 140	11	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

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

Lab Sample ID: MB 860-83304/9
Matrix: Water
Analysis Batch: 83304

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/26/22 15:02	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/26/22 15:02	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/26/22 15:02	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/26/22 15:02	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/26/22 15:02	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/26/22 15:02	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/26/22 15:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/26/22 15:02*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*12/26/22 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*12/26/22 15:02*	*1*
Toluene-d8 (Surr)	*106*		*80 - 117*		*12/26/22 15:02*	*1*

Lab Sample ID: LCS 860-83304/3
Matrix: Water
Analysis Batch: 83304

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.04929		mg/L		99	75 - 125		
1,1-Dichloroethane			0.0500	0.04889		mg/L		98	70 - 130		
1,2-Dichloroethane			0.0500	0.04770		mg/L		95	72 - 130		
1,1-Dichloroethene			0.0500	0.04859		mg/L		97	50 - 150		
Tetrachloroethene			0.0500	0.05296		mg/L		106	71 - 125		
Trichloroethene			0.0500	0.05121		mg/L		102	75 - 135		
Vinyl chloride			0.0500	0.04824		mg/L		96	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

Lab Sample ID: LCSD 860-83304/4
Matrix: Water
Analysis Batch: 83304

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04884		mg/L		98	75 - 125	1	25
1,1-Dichloroethane			0.0500	0.04857		mg/L		97	70 - 130	1	25
1,2-Dichloroethane			0.0500	0.04837		mg/L		97	72 - 130	1	25
1,1-Dichloroethene			0.0500	0.05114		mg/L		102	50 - 150	5	25
Tetrachloroethene			0.0500	0.05442		mg/L		109	71 - 125	3	25
Trichloroethene			0.0500	0.05247		mg/L		105	75 - 135	2	25
Vinyl chloride			0.0500	0.05022		mg/L		100	60 - 140	4	25

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

Lab Sample ID: LCSD 860-83304/4
Matrix: Water
Analysis Batch: 83304

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: 880-23015-D-1 MS
Matrix: Water
Analysis Batch: 83304

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.04845		mg/L		97	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.04838		mg/L		97	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.04806		mg/L		96	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.05014		mg/L		100	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.05163		mg/L		103	71 - 125
Trichloroethene	0.000791	U	0.0500	0.05100		mg/L		102	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.04915		mg/L		98	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

GC/MS VOA

Analysis Batch: 82454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39483-1	TB-01-12162022	Total/NA	Water	8260D	
860-39483-2	MW-93R-12162022	Total/NA	Water	8260D	
860-39483-3	MW-161-12162022	Total/NA	Water	8260D	
860-39483-4	MW-160-12162022	Total/NA	Water	8260D	
860-39483-5	MW-162-12162022	Total/NA	Water	8260D	
860-39483-6	MW-147-12162022	Total/NA	Water	8260D	
860-39483-7	MW-146-12162022	Total/NA	Water	8260D	
860-39483-8	MW-121-12162022	Total/NA	Water	8260D	
860-39483-9	MW-71-12162022	Total/NA	Water	8260D	
860-39483-10	MW-76-12162022	Total/NA	Water	8260D	
860-39483-11	MW-163-12162022	Total/NA	Water	8260D	
860-39483-12	SWD-20-12162022	Total/NA	Water	8260D	
860-39483-13	FD-06-12162022	Total/NA	Water	8260D	
MB 860-82454/10	Method Blank	Total/NA	Water	8260D	
LCS 860-82454/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-82454/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39483-12 MS	SWD-20-12162022	Total/NA	Water	8260D	
860-39483-12 MSD	SWD-20-12162022	Total/NA	Water	8260D	

Analysis Batch: 83028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39483-2 - DL	MW-93R-12162022	Total/NA	Water	8260D	
MB 860-83028/9	Method Blank	Total/NA	Water	8260D	
LCS 860-83028/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83028/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39473-B-3 MS	Matrix Spike	Total/NA	Water	8260D	
860-39473-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 83304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39483-3 - RA	MW-161-12162022	Total/NA	Water	8260D	
860-39483-4 - RA	MW-160-12162022	Total/NA	Water	8260D	
MB 860-83304/9	Method Blank	Total/NA	Water	8260D	
LCS 860-83304/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83304/4	Lab Control Sample Dup	Total/NA	Water	8260D	
880-23015-D-1 MS	Matrix Spike	Total/NA	Water	8260D	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Client Sample ID: TB-01-12162022
Lab Sample ID: 860-39483-1
Date Collected: 12/16/22 07:00
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 19:01	TTD	EET HOU

Client Sample ID: MW-93R-12162022
Lab Sample ID: 860-39483-2
Date Collected: 12/16/22 07:46
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 19:38	TTD	EET HOU
Total/NA	Analysis	8260D	DL	5	5 mL	5 mL	83028	12/22/22 07:54	TTD	EET HOU

Client Sample ID: MW-161-12162022
Lab Sample ID: 860-39483-3
Date Collected: 12/16/22 08:10
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 19:57	TTD	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	83304	12/26/22 16:56	NA	EET HOU

Client Sample ID: MW-160-12162022
Lab Sample ID: 860-39483-4
Date Collected: 12/16/22 08:25
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 20:16	TTD	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	83304	12/26/22 17:15	NA	EET HOU

Client Sample ID: MW-162-12162022
Lab Sample ID: 860-39483-5
Date Collected: 12/16/22 08:40
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 20:35	TTD	EET HOU

Client Sample ID: MW-147-12162022
Lab Sample ID: 860-39483-6
Date Collected: 12/16/22 08:58
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 20:54	TTD	EET HOU

Client Sample ID: MW-146-12162022
Lab Sample ID: 860-39483-7
Date Collected: 12/16/22 09:16
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 21:13	TTD	EET HOU

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Client Sample ID: MW-121-12162022
Lab Sample ID: 860-39483-8
Date Collected: 12/16/22 09:42
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 21:32	TTD	EET HOU

Client Sample ID: MW-71-12162022
Lab Sample ID: 860-39483-9
Date Collected: 12/16/22 10:03
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 21:51	TTD	EET HOU

Client Sample ID: MW-76-12162022
Lab Sample ID: 860-39483-10
Date Collected: 12/16/22 11:01
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 22:10	TTD	EET HOU

Client Sample ID: MW-163-12162022
Lab Sample ID: 860-39483-11
Date Collected: 12/16/22 14:00
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 22:29	TTD	EET HOU

Client Sample ID: SWD-20-12162022
Lab Sample ID: 860-39483-12
Date Collected: 12/16/22 15:30
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 19:19	TTD	EET HOU

Client Sample ID: FD-06-12162022
Lab Sample ID: 860-39483-13
Date Collected: 12/16/22 00:00
Matrix: Water
Date Received: 12/17/22 08:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	82454	12/19/22 22:48	TTD	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-39483-1
Project/Site: STC Silber Rd Annual GW

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-48	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39483-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-39483-1	TB-01-12162022	Water	12/16/22 07:00	12/17/22 08:35
860-39483-2	MW-93R-12162022	Water	12/16/22 07:46	12/17/22 08:35
860-39483-3	MW-161-12162022	Water	12/16/22 08:10	12/17/22 08:35
860-39483-4	MW-160-12162022	Water	12/16/22 08:25	12/17/22 08:35
860-39483-5	MW-162-12162022	Water	12/16/22 08:40	12/17/22 08:35
860-39483-6	MW-147-12162022	Water	12/16/22 08:58	12/17/22 08:35
860-39483-7	MW-146-12162022	Water	12/16/22 09:16	12/17/22 08:35
860-39483-8	MW-121-12162022	Water	12/16/22 09:42	12/17/22 08:35
860-39483-9	MW-71-12162022	Water	12/16/22 10:03	12/17/22 08:35
860-39483-10	MW-76-12162022	Water	12/16/22 11:01	12/17/22 08:35
860-39483-11	MW-163-12162022	Water	12/16/22 14:00	12/17/22 08:35
860-39483-12	SWD-20-12162022	Water	12/16/22 15:30	12/17/22 08:35
860-39483-13	FD-06-12162022	Water	12/16/22 00:00	12/17/22 08:35

Appendix A

Laboratory Data Package Cover Page - Page 1 of 4

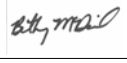
This data package is for Job No. 860-39483-1 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- ☑ R1- Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. prepatation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified coumpounds (TICs).
- ☑ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☐ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
- ☑ R10 - Other problems or anomalies.
- ☐ Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspected by ☐ TCEQ or ☐ _____ on __/__/__. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date
Bethany McDaniel		Senior Project Manager	12/29/2022

Laboratory Data Package Cover Page - Page 2 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/29/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39483-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		✓			1
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample detection limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?			✓		
		Were % moisture (or solids) reported for all soil and sediment samples?			✓		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			✓		
		If required for the project, are TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?		✓			2
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?		✓			3
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/29/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39483-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	✓				
		Were percent RSDs or correlation coefficient criteria met?	✓				
		Was the number of standards recommended in the method used for all analytes?	✓				
		Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
		Are ICAL data available for all instruments used?	✓				
		Has the initial calibration curve been verified using an appropriate second source standard?	✓				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	✓				
		Were percent differences for each analyte within the method-required QC limits?	✓				
		Was the ICAL curve verified for each analyte?	✓				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			✓		
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?	✓				
		Were ion abundance data within the method-required QC limits?	✓				
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?	✓				
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
		Were data associated with manual integrations flagged on the raw data?	✓				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			✓		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?			✓		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	✓				
		Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	✓				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	✓				
		Is documentation of the analyst's competency up-to-date and on file?	✓				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period;
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Cover Page - Page 4 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/29/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39483-1
Reviewer Name: Bethany McDaniel	

ER#[1]	Description
1	One or more containers for the following sample was received broken or leaking: MW-160-12162022 (860-39483-4). 1 OF 3 voa vials received broken. 2 remaining voa vials.
2	Method 8260D: The matrix spike (MS) recoveries for analytical batch 860-82454 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-83028 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS/LCSD) recovery is within acceptance limits.
3	Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-93R-12162022 (860-39483-2). Elevated reporting limits (RLs) are provided.

1. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

Method 8260C Detection Limit Validation

Laboratory Eurofins Houston

Preparation Method: 5030C MDLV

Limit Group MSV - 8260_B-C-D_624.1 -Water-RL_MDL_LOD

Analysis Dates: 12/17/2021 to 12/28/2021

Analyte

1,1,1,2-Tetrachloroethane

Current MDL	Current RL
0.00032738	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000327	0.001	mg/L	3.1	0.00289	0.0020917	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00095427	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097032	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00515844	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474379	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086770	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00071835	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00484983	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00462127	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114322	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00104509	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00481092	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508958	mg/L	Pass

1,1,1-Trichloroethane

Current MDL	Current RL
0.00050391	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000503	0.001	mg/L	2	0.00300	0.0021581	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00080122	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00064653	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00455413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00432853	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093510	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00069473	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00479041	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461154	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120061	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119499	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521680	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00541103	mg/L	Pass

1,1,2,2-Tetrachloroethane

Current MDL	Current RL
0.00028366	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000283	0.001	mg/L	3.5	0.00294	0.0020718	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00103259	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00106053	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00517791	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00457282	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088538	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00090823	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461066	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114267	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113180	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00479936	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532665	mg/L	Pass

1,1,2-Trichloro-1,2,2-trifluoroethane

Current

MDL	RL
0.00036369	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000363	0.001	mg/L	2.7	0.00260	0.0022287	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094650	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00054626	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497738	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00429855	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00382102	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00409715	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00140824	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00109821	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508600	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00536825	mg/L	Pass

1,1,2-Trichloroethane

Current

MDL	RL
0.00022795	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000227	0.001	mg/L	4.4	0.00297	0.0021297	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00082146	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092550	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00510213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00476134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093113	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00083926	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00473722	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001076005	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001098685	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004932965	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005318395	mg/L	Pass

1,1-Dichloroethane

Current

MDL	RL
0.00024445	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00308	0.0022207	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000948365	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000816154	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004746045	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004777765	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000843417	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000742865	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004804235	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00488663	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001212195	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001290205	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005336785	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005536964	mg/L	Pass

1,1-Dichloroethene

Current

MDL	RL
0.00021635	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000216	0.001	mg/L	4.6	0.00306	0.0022609	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00083413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000908877	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00469039	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004108025	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00098879	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000666816	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004954845	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.005145505	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00109488	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001058607	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00523586	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005345754	mg/L	Pass

Analyte

1,1-Dichloropropene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Pass
0.00048095	0.005	0.000480	0.001	mg/L	2.1	0.00306	0.0022498	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000865795	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000859846	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00482165	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004700315	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000901982	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000665617	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004716395	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.005018996	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001175705	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001173978	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00535292	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005529195	mg/L	Pass

1,2,3-Trichlorobenzene

Current		Calculations								*MDLV used - 34734-27* 1 value(s) Not Reco
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike Low
0.002	0.005	0.002	0.001	mg/L	.5	0.00215	0.0019808	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.004237715	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.004025135	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.006441434	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.006608015	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000181774	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000396209	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.003475695	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004074937	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.000748433	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.003969875	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004420637	mg/L	Pass

1,2,3-Trichloropropane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00028347	0.001	0.000283	0.001	mg/L	3.5	0.00288	0.0020907	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101055	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00109955	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004958567	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00483377	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000756726	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084401	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00498130	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00466978	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00110491	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00103798	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00458461	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508864	mg/L	Pass

1,2,4-Trichlorobenzene

Current

MDL	RL
0.002	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002	0.001	mg/L	.5	0.00261	0.0018810	8	N

MDLV used - 34734-27 1 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00135621	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00135558	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00426298	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474418	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00140187	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00141668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00381090	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00453153	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00085376	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00417162	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00471113	mg/L	Pass

1,2,4-Trimethylbenzene

Current

MDL	RL
0.00025192	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000251	0.001	mg/L	4	0.00296	0.0020903	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00122509	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00102191	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00498705	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00493763	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089878	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086753	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00455276	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483779	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116375	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115264	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499011	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00525818	mg/L	Pass

1,2-Dibromo-3-Chloropropane

Current MDL	Current RL
0.00031924	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000319	0.005	mg/L	15.7	0.00242	0.0026429	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00100238	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088126	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00430281	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00427281	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00415854	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00423354	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00515598	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00583655	mg/L	Pass

1,2-Dichlorobenzene

Current MDL	Current RL
0.00023571	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000235	0.001	mg/L	4.2	0.00294	0.0021115	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00114915	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105770	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513302	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00473614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00081076	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081906	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00481947	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00492633	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114223	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00114504	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00475024	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00516945	mg/L	Pass

1,2-Dichloroethane

Current MDL	Current RL
0.00028518	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000285	0.001	mg/L	3.5	0.00294	0.0021424	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104771	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097297	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00462064	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000801190	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00076389	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00475570	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00456749	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00107617	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119535	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508271	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534153	mg/L	Pass	

1,2-Dichloroethene, Total

Current		Calculations							MDLV:
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	
0.000174	0.00100		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

1,2-Dichloropropane

Current		Calculations							*MDLV used - 34734-27* All values recovere MDLV: Pass
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	
0.00039557	0.005	0.000395	0.001	mg/L	2.5	0.00292	0.0021393	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00091881	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094139	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00496783	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00485866	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00072794	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00077100	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464649	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00463015	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00108534	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116008	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521056	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00515575	mg/L	Pass

Analyte

1,3,5-Trimethylbenzene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.0002786	0.001	0.000278	0.001	mg/L	3.6	0.00299	0.0021060	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104779	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100599	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00508333	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00486719	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090230	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084254	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00465559	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484660	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118806	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121913	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00495439	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00535995	mg/L	Pass

1,3-Dichlorobenzene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00019655	0.001	0.000196	0.001	mg/L	5.1	0.00297	0.0021007	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00119320	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00123471	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00511213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00496413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088492	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081074	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457850	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487770	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118689	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118222	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00498041	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00525859	mg/L	Pass

1,3-Dichloropropane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Pass
0.00043948	0.005	0.000439	0.001	mg/L	2.3	0.00291	0.0020640	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00107179	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092557	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00494097	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00457430	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083785	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000804510	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468620	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00452964	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122593	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00112423	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00484676	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00526409	mg/L	Pass

1,3-Dichloropropene, Total

Current

MDL	RL
0.00075199	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000751	0.002	mg/L	2.7	0.00560	0.0040347	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00206	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00959	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00908	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001728	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001667	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00901	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00906	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001986	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00203	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00917	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01022	mg/L	Pass

1,4-Dichlorobenzene

Current

MDL	RL
0.00019872	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000198	0.001	mg/L	5	0.00296	0.0020689	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00131268	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00132408	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00509516	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00510477	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083944	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00094880	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457812	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00495698	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119391	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00117677	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00488154	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00515638	mg/L	Pass

1,4-Dioxane

Current MDL	Current RL
0.01045	0.10

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.01045	0.1	mg/L	9.6	0.05643	0.0628320	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01604252	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.01398215	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.09427495	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.09067826	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.10066669	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.08907000	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.11092836	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.15079830	mg/L	Pass

1-Chlorohexane

Current MDL	Current RL
0.00041504	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000415	0.001	mg/L	2.4	0.00300	0.0020179	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00137335	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00115001	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00492348	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00494288	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00121086	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00100820	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00453792	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00471163	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00124088	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00108966	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00486326	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00541375	mg/L	Pass

1-Methylnaphthalene

Current MDL	Current RL
0.0017921	0.01

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001792	0.001	mg/L	.6	0.00418	0.0029084	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00658134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00536860	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00851681	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00845878	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00373969	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00371083	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00657692	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00759325	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00547239	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00636850	mg/L	Pass

2,2-Dichloropropane

Current

MDL	RL
0.00035978	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000359	0.001	mg/L	2.8	0.00282	0.0021051	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00105270	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00062622	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00439236	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00433324	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00070117	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00060744	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00418762	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00421513	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00113754	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115764	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521217	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00537035	mg/L	Pass

2-Butanone (MEK)

Current

MDL	RL
0.002701	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002701	0.005	mg/L	1.9	0.01580	0.0114009	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00449694	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00493660	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02493477	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02201985	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00469622	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00467370	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02643668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02430691	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00642481	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00534109	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.024425536	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.030138435	mg/L	Pass

2-Chloro-1,3-butadiene

Current

MDL	RL
0.005	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.005	mg/L	1	0.00284	0.0024845	8	N

MDLV used - 34734-29 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000707584	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004745115	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004522667	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00479692	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004918926	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001097415	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001167026	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005287135	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005505715	mg/L	Pass

2-Chloroethyl vinyl ether

Current

MDL	RL
0.0004263	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000426	0.005	mg/L	11.7	0.00117	0.0021860	8	N

MDLV used - 35759-22 6 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004536987	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004898655	mg/L	Pass

2-Chlorotoluene

Current

MDL	RL
0.00021378	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000213	0.001	mg/L	4.7	0.00303	0.0020999	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001009734	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00103255	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.005197170	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00492144	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00094216	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00089889	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474623	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00499404	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122576	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123333	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00500910	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00521280	mg/L	Pass

2-Hexanone

Current

MDL	RL
0.00078917	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000789	0.005	mg/L	6.3	0.01503	0.0110148	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00448588	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00488201	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02552552	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02308959	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00461428	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00431976	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02529590	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02397240	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00536068	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00492344	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02387319	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02794909	mg/L	Pass

2-Methyl-2-propanol

Current

MDL	RL
0.0085412	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.008541	0.01	mg/L	1.2	0.02983	0.0277733	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01145454	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00734284	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05503991	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04546403	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00928136	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.01127021	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05739475	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04004208	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05229866	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.06835508	mg/L	Pass

2-Methylnaphthalene

Current MDL	Current RL
0.0020532	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002053	0.001	mg/L	.5	0.00427	0.0029089	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00685395	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00585432	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00858614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.01008937	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00400949	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00380032	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00666855	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00728502	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00592078	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00648574	mg/L	Pass

2-Methyltetrahydrofuran

Current MDL	Current RL
0.001661	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001661	0.005	mg/L	3	0.01566	0.0120925	4	N

MDLV used - 36177-32 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00518040	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00519995	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02633324	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02593301	mg/L	Pass

2-Methyltetrahydropyran

Current MDL	Current RL
0.001744	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001744	0.005	mg/L	2.9	0.01585	0.0123473	4	N

MDLV used - 36177-32 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00533624	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00499681	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02684636	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02624816	mg/L	Pass

2-Nitropropane

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	1 value(s) Not Recovered MDLV:
0.0100	0.0100	0	0.002	mg/L		0	NA	1	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail

3-Chloro-1-propene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-29* 2 value(s) Not Reco MDLV: Pass
0.005	0.005	0.005	0.005	mg/L	1	0.00279	0.0025909	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00501286	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00515262	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00515632	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00525811	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00085982	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00069803	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00504354	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534944	mg/L	Pass

4-Chlorotoluene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Spike High
0.00018274	0.001	0.000182	0.001	mg/L	5.5	0.00304	0.0020733	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00120385	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00111885	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00518008	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00483291	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00103502	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00100977	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00471043	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475836	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120943	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00120629	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00510742	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532454	mg/L	Pass

4-Ethyltoluene

Current

MDL	RL
0.00021532	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000215	0.001	mg/L	4.6	0.00302	0.0021087	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00113300	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00107214	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513254	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00489595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096926	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084173	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00469772	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00492959	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118269	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123339	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00506551	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00524838	mg/L	Pass

4-Isopropyltoluene

Current

MDL	RL
0.00023286	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000232	0.001	mg/L	4.3	0.00290	0.0020705	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00109547	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100404	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00491771	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00486429	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00081681	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00078820	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464190	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461971	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116111	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116082	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00490330	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00517088	mg/L	Pass

4-Methyl-2-pentanone (MIBK)

Current

MDL	RL
0.0010643	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001064	0.005	mg/L	4.7	0.01527	0.0110403	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00480595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00492910	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02467785	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02355625	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00417350	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00428389	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02551213	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02379873	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00584305	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00580611	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02468321	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02810400	mg/L	Pass

Acetone

Current

MDL	RL
0.012313	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.012313	0.005	mg/L	.4	0.01586	0.0118452	8	N

MDLV used - 34734-27 1 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00564625	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00679950	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02423927	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02423666	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00724307	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00657847	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02597400	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02422803	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00645442	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02671348	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02970358	mg/L	Pass

Acetonitrile

Current

MDL	RL
0.013258	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.013258	0.01	mg/L	.8	0.03079	0.0257138	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05012865	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.05152629	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05156329	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.05258111	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01281577	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.017065775	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05261196	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.05974468	mg/L	Pass

Acrolein

Current MDL	Current RL
0.0051539	0.05

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005153	0.005	mg/L	1	0.01419	0.0108446	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.023778846	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.022882723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.003344135	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.003778903	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.025135575	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02498004	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00437358	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.005052585	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.021237744	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.025655806	mg/L	Pass

Acrylonitrile

Current MDL	Current RL
0.0059888	0.05

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005988	0.01	mg/L	1.7	0.03131	0.0225096	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.008265606	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.009746853	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04941019	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.045147763	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.009391285	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.009280843	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.051273016	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.049762226	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01154286	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.011286703	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.050790996	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.057211314	mg/L	Pass

Benzene

Current MDL	Current RL
0.00021437	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000214	0.001	mg/L	4.7	0.00308	0.0021792	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001024357	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000853447	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00479416	mg/L		
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00477406	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089784	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00085804	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00478965	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00496294	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118802	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00128962	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00536677	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532991	mg/L	Pass	

Benzyl chloride

Current

MDL	RL
0.00100	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0	0.001	mg/L		0	0	4	N

4 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Bromobenzene

Current

MDL	RL
0.0003	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0003	0.001	mg/L	3.3	0.00298	0.0021007	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00121994	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00106715	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00504685	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00506226	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086717	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086154	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00475162	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00481599	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116111	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123802	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00498202	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00523423	mg/L	Pass

Analyte

Bromoform

Current MDL	Current RL
0.00063025	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000630	0.001	mg/L	1.6	0.00292	0.0019023	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000899277	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00096638	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004802908	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00462226	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00082877	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00065951	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457635	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00442670	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00157779	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00165428	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00476332	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00492872	mg/L	Pass

Bromomethane

Current MDL	Current RL
0.0010539	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001053	0.001	mg/L	.9	0.00379	0.0027095	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001422888	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001195938	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004861946	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.005762054	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001315625	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001070453	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.005341877	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.006238833	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001197407	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001629645	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.006729567	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.006862195	mg/L	Pass

Butadiene

Current MDL	Current RL
0.00029917	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000299	0.001	mg/L	3.3	0.00289	0.0021136	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001180609	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001159809	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00453160	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00445842	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001047899	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001009660	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.005303880	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.005189277	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.000717742	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.000970757	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004533797	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004348005	mg/L	Pass	

Carbon disulfide

Current

MDL	RL
0.00037337	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000373	0.001	mg/L	2.7	0.00305	0.0021777	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001179415	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001034746	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00491755	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004791844	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000930227	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000795605	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004822285	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004974027	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001168143	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001236633	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005086506	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005459211	mg/L	Pass

Carbon tetrachloride

Current

MDL	RL
0.00042296	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000422	0.001	mg/L	2.4	0.00294	0.0022135	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004742256	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004885724	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000820133	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000611675	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004942742	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004859584	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001073917	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001027722	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004948357	mg/L	Pass

Analyte

860-13818-A-1	MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00528866	mg/L	Pass	

Chlorobenzene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00015905	0.001	0.000159	0.001	mg/L	6.3	0.00300	0.0020887	8	N	

Lab ID		Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1	MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00188274	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00178829	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00580323	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00535282	mg/L	
860-13818-A-1	MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00095159	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086723	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00476912	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00473618	mg/L	Pass
860-13818-A-1	MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118213	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123013	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499933	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00528423	mg/L	Pass

Chlorobromomethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00020908	0.001	0.000209	0.001	mg/L	4.8	0.00291	0.0022242	8	N	

Lab ID		Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1	MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106493	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00101942	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00475144	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00494740	mg/L	
860-13818-A-1	MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00073224	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00051493	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00470402	mg/L	Pass
860-13818-A-1	MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00489971	mg/L	Pass
860-13818-A-1	MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1	MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00109451	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00103497	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00500016	mg/L	Pass
860-13818-A-1	MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531689	mg/L	Pass

Chlorodibromomethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Pass
0.00073938	0.005	0.000739	0.001	mg/L	1.4	0.00277	0.0020613	8	N	

Lab ID		Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1	MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094678	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097536	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00483825	mg/L	
860-13818-A-1	MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463060	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00072549	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070610	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468723	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00455284	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00097146	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00098812	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00458589	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00494799	mg/L	Pass	

Chloroethane

Current

MDL	RL
0.00043272	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000432	0.001	mg/L	2.3	0.00280	0.0023615	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00138362	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00063557	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00504634	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00425101	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00150407	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00121099	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00561931	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00517209	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00455650	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00437937	mg/L	Pass

Chloroform

Current

MDL	RL
0.00025852	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000258	0.001	mg/L	3.9	0.00312	0.0022214	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00088406	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100680	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00472523	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00464417	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096733	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084801	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00472081	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00493090	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00121382	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00124268	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00536042	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00571382	mg/L	Pass

Chloromethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.0003177	0.01	0.000317	0.001	mg/L	3.1	0.00287	0.0019934	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101734	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00083031	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00449659	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00435698	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00098463	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00092354	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00462796	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475532	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.00079063	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.00077943	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00089351	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123459	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00475208	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00479475	mg/L	Pass

cis-1,2-Dichloroethene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.000174	0.001	0.000174	0.001	mg/L	5.7	0.00303	0.0021870	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097311	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00090302	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00464373	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00452143	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083463	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00073592	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00470978	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483355	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00121074	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00125718	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00533982	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00538336	mg/L	Pass

cis-1,3-Dichloropropene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Pass
0.00068995	0.005	0.000689	0.001	mg/L	1.4	0.00285	0.0020634	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00099198	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100747	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00482989	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00459059	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089299	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00079984	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00456850	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465616	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00099006	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00102869	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00474780	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00512573	mg/L	Pass	

Cyclohexane

Current

MDL	RL
0.00047374	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000473	0.001	mg/L	2.1	0.00254	0.0022606	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00087738	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00052884	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00527624	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00472495	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00393989	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00425731	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112733	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00084129	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00492041	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00526278	mg/L	Pass

Cyclohexanone

Current

MDL	RL
0.00125	0.0500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00125	0.05	mg/L	40	0.14191	0.1231419	4	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.039077118	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.043934418	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.254894508	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.224492777	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.038948687	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.031729644	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.252645195	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.244324955	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

Dibromomethane

Current

MDL	RL
0.00013007	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000130	0.001	mg/L	7.7	0.00297	0.0022178	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00121509	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00137882	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513826	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00485564	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00078385	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00063762	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00493172	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487889	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119799	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00102827	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00512505	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00524310	mg/L	Pass

Dichlorobromomethane

Current

MDL	RL
0.00023086	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000230	0.001	mg/L	4.3	0.00290	0.0020278	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00100400	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088174	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00486285	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00492353	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00094007	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00093505	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457029	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00464031	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00105306	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113155	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00495829	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00501876	mg/L	Pass

Dichlorodifluoromethane

Current

MDL	RL
0.00031564	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000315	0.001	mg/L	3.2	0.00226	0.0017698	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104863	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00089004	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00426580	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00393779	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00033953	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00068291	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00396099	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00294682	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00064632	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00098375	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00444685	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00409579	mg/L	Pass

Dicyclopentadiene

Current

MDL	RL
0.00058141	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000581	0.001	mg/L	1.7	0.00302	0.0021440	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097602	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084952	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00503505	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00510192	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086314	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00076978	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468846	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487489	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00124183	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00126324	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00520150	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00530725	mg/L	Pass

Ethyl acetate

Current

MDL	RL
0.00100	0.00200

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00100	0.002	mg/L	2	0.00296	0.0044854	8	N

MDLV used - 34734-27 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00149984	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00185617	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00944022	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00878609	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00164870	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00183068	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01056918	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00966014	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Ethyl ether

Current MDL	Current RL
0.1	0.1

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.1	0.005	mg/L	.1	0.00269	0.0023282	4	N

MDLV used - 34734-29 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00128586	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00113765	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00462809	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463118	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00064897	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00071865	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00473555	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00469654	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Ethyl methacrylate

Current MDL	Current RL
0.00016720	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000167	0.001	mg/L	6	0.00286	0.0020103	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00093620	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094610	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00478815	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00455133	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00104278	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00102993	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464329	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00470149	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00094732	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00094485	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00465275	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00498806	mg/L	Pass

Ethylbenzene

Current MDL	Current RL
0.00051456	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000514	0.001	mg/L	1.9	0.00304	0.0021409	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00102459	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085671	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00494063	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00481964	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00092984	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086406	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00487235	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00490300	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118643	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00122622	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00507376	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532251	mg/L	Pass	

Ethylene Dibromide

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	
0.00033668	0.005	0.000336	0.001	mg/L	3	0.00289	0.0021073	8	N	

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00095934	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00116593	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497865	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00465587	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086679	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00073066	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00467070	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00459402	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00099789	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00112478	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00494499	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00520024	mg/L	Pass

Ethylene oxide

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	
0.0250	0.05	0	0.005	mg/L		0	0	4	N	

4 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Hexachlorobutadiene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	
0.002	0.005	0.002	0.001	mg/L	.5	0.00239	0.0022857	8	N	

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00142716	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00140931	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00522487	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00532929	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00060793	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00047153	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00412176	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00478058	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00460448	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00455189	mg/L	Pass

Hexane

Current

MDL	RL
0.00036907	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000369	0.001	mg/L	2.7	0.00269	0.0017877	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00386813	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00420000	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00147018	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00113893	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00360629	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00389552	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00100056	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00070771	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00467682	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00502529	mg/L	Pass

Iodomethane

Current

MDL	RL
0.001863	0.02

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001863	0.001	mg/L	.5	0.00430	0.0030318	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00361194	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00345159	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00611304	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00623979	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00363657	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00359822	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00625157	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00615425	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00722427	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00756111	mg/L	Pass	

Isobutyl alcohol

Current

MDL	RL
0.01681	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.01681	0.025	mg/L	1.5	0.07363	0.0655066	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.01574423	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.12389285	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.10526366	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.13851113	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.11634775	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.02886771	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.02746472	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.12332169	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.15460255	mg/L	Pass

Isooctane

Current

MDL	RL
0.005	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.005	mg/L	1	0.00230	0.0018862	4	N

MDLV used - 34734-29 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00084633	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00091560	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00417488	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00451086	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00064775	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070399	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00415124	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00370326	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Isopropyl alcohol

Current

MDL	RL
0.005	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.00736	0.0158853	8	N

MDLV used - 34734-27 5 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00954998	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00986463	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04921480	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04398431	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00938208	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00781868	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	-0.00342816	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04516279	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Isopropyl ether

Current

MDL	RL
0.00039136	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000391	0.001	mg/L	2.6	0.00302	0.0021694	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00091475	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094601	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00480994	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463283	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090666	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084235	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483879	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00479798	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112894	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116074	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00524578	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531803	mg/L	Pass

Isopropylbenzene

Current

MDL	RL
0.00016065	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000160	0.001	mg/L	6.2	0.00299	0.0021563	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097359	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084098	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00470247	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00087833	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00077029	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00484629	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484106	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114975	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115208	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499666	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533491	mg/L	Pass

Methacrylonitrile

Current

MDL	RL
0.005	0.010

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.03079	0.0220236	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00868419	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00972962	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04799928	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04654163	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00898804	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00864416	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.04860812	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04856895	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01183374	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.01197693	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05087273	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.05685449	mg/L	Pass

Methyl acetate

Current

MDL	RL
0.00397	0.02

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00397	0.002	mg/L	.5	0.00626	0.0045550	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00924897	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00844490	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00145189	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00186283	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01016114	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00964303	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00226441	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00258931	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01054319	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01158352	mg/L	Pass

Methyl acrylate

Current

MDL	RL
0.1	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
	0	mg/L		NaN	NA	0	N

MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Methyl methacrylate

Current

MDL	RL
0.005	0.010

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.00275	0.0045890	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00962599	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00964256	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01007625	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00933850	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	-0.00250174	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00260645	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00254199	mg/L	Pass

Methyl tert-butyl ether

Current

MDL	RL
0.00057051	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000570	0.001	mg/L	1.8	0.00297	0.0021513	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00112132	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105250	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00475176	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00477227	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00080144	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00075585	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00454724	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00117098	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00122405	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508440	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00553951	mg/L	Pass

Analyte

Methylcyclohexane

Current

MDL	RL
0.00024492	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00257	0.0018787	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00096062	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00069455	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00447178	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00471988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00078379	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00069393	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00402361	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00383903	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00103448	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00087117	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00460540	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00478078	mg/L	Pass

Methylene Chloride

Current

MDL	RL
0.0019125	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001912	0.001	mg/L	.5	0.00276	0.0023540	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00396787	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00440503	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00452371	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00449293	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00125247	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123496	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00526936	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531856	mg/L	Pass

m-Xylene & p-Xylene

Current

MDL	RL
0.00032971	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000329	0.001	mg/L	3	0.00305	0.0021493	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00105011	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00093862	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00489614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00478764	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093422	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00090383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00496754	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00488159	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00117808	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00120520	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00507201	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533673	mg/L	Pass

Naphthalene

Current

MDL	RL
0.002	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002	0.001	mg/L	.5	0.00318	0.0022254	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00424218	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00423065	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00649146	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00672471	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00305179	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00304892	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00535634	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00600374	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00361064	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00441115	mg/L	Pass

n-Butanol

Current

MDL	RL
0.0125	50

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0125	0.0252	mg/L	2	0.03758	0.0540090	8	N

MDLV used - 34734-27 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01674588	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.023761111	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.12343134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.10794611	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.02836797	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.02687662	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.12886841	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.11655346	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

n-Butylbenzene

Current MDL	Current RL
0.00028604	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000286	0.001	mg/L	3.5	0.00285	0.0020128	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00123125	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00119231	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00471622	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00478962	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00091520	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00088169	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424882	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00463717	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00105471	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00110490	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00482057	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00518267	mg/L	Pass

N-Propylbenzene

Current MDL	Current RL
0.00017893	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000178	0.001	mg/L	5.6	0.00298	0.0020843	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00108605	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092241	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00499921	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00487306	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093582	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00088475	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00471742	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00458933	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120519	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118765	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00509948	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00529937	mg/L	Pass

o-Xylene

Current MDL	Current RL
0.00019156	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000191	0.001	mg/L	5.2	0.00300	0.0021247	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110137	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00095597	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497673	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474878	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090588	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084525	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00472669	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483182	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118274	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118213	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00504058	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533768	mg/L	Pass	

Propanol

Current

MDL	RL
1	5

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
	0	mg/L		NaN	NA	0	N

MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Propene

Current

MDL	RL
0.0003821	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000382	0.001	mg/L	2.6	0.00206	0.0020510	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00411240	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00389572	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424456	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00364770	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00036027	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00026040	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00378083	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00419965	mg/L	Pass

Analyte

Propene oxide

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.0125	0.0500		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Propionitrile

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Pass
0.005	0.010	0.005	0.01	mg/L	2	0.03216	0.0235672	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00904427	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00962723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05192401	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.05063592	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00899555	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00858343	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05171592	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04982797	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01195965	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.01203137	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05256524	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.06167733	mg/L	Pass

sec-Butyl Alcohol

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.001	0.001		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

sec-Butylbenzene

Current MDL	Current RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00019878	0.001	0.000198	0.001	mg/L	5	0.00299	0.0021410	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110755	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00095672	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00506111	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00493335	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089260	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081696	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00477712	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00485204	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00115457	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113242	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00504322	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00528606	mg/L	Pass

Styrene

Current MDL	Current RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0006231	0.001	0.000623	0.001	mg/L	1.6	0.00285	0.0020395	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00107490	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00104312	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00481423	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00482800	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083767	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00080673	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00454958	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00467300	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00106266	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00108780	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00473826	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00504447	mg/L	Pass

t-Amyl alcohol

Current MDL	Current RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0125	0.05	0	0.01	mg/L		0	0	8	N

8 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	

Tert-amyl methyl ether

Current

MDL	RL
0.00031102	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000311(	0.001	mg/L	3.2	0.00299	0.0020227	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094294(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00093549:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00487794:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00446717(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00118546:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00087582-	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00481639:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465466:	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.00053421'	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.00053975'	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112198(	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00125708(	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00491176-	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00513988'	mg/L	Pass

Tert-butyl ethyl ether

Current

MDL	RL
0.00044953	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000449	0.001	mg/L	2.2	0.00300	0.0021386	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101114(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085990(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00490703:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00456073-	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083636-	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00080952:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468590:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00459981'	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122506	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00124983	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00523973	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00543012	mg/L	Pass

tert-Butylbenzene

Current

MDL	RL
0.00019496	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000194	0.001	mg/L	5.1	0.00300	0.0021104	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110236	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00089618	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00501386	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00480388	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088903	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084183	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474498	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484558	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119137	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121280	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00507132	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00520418	mg/L	Pass

Tetrachloroethene

Current

MDL	RL
0.0005	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0005	0.001	mg/L	2	0.00294	0.0022015	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00098799	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088106	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00509455	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00496217	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083446	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00053619	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483005	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465955	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00103538	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119359	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00510985	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534852	mg/L	Pass

Tetrahydrofuran

Current

MDL	RL
0.00050255	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000502	0.002	mg/L	4	0.00727	0.0045177	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00248727	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00225542	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00905795	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00950288	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00249786	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00231959	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01022273	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00945181	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00411757	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00408351	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01190390	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01363761	mg/L	Pass

Tetrahydropyran

Current

MDL	RL
0.001789	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001789	0.005	mg/L	2.8	0.01697	0.0126328	4	N

MDLV used - 36177-32 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00564597	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00650960	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02666308	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02910087	mg/L	Pass

Toluene

Current

MDL	RL
0.0005	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0005	0.001	mg/L	2	0.00302	0.0021200	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106168	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092331	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00487660	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00472783	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00091859	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081050	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00482311	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475646	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00126272	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121149	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00517635	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00523132	mg/L	Pass		

Total BTEX

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.00021437	0.01		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00526213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00452808	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02448428	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02385798	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00458641	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00428169	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02417936	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02433583	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

trans-1,2-Dichloroethene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Spike High
0.000256	0.001	0.000256	0.001	mg/L	3.9	0.00304	0.0022063	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110838	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00101202	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00498996	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00464434	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096191	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00079166	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00462002	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00455788	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114146	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113663	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00548408	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00562878	mg/L	Pass

trans-1,3-Dichloropropene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Pass
0.00075199	0.005	0.000751	0.001	mg/L	1.3	0.00275	0.0019698	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00099649	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105090	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00476175	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00448790	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083531	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086650	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00443833	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00439734	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00099615	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00100326	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00441936	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508903	mg/L	Pass	

trans-1,4-Dichloro-2-butene

Current

MDL	RL
0.0019403	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001940	0.001	mg/L	.5	0.00222	0.0020980	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106749	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084072	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00441239	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00479984	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00047582	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00065906	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424803	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00414994	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00365785	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00458051	mg/L	Pass

Trichloroethene

Current

MDL	RL
0.00042388	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000423	0.001	mg/L	2.4	0.00305	0.0022396	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101625	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085837	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00499020	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00489788	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083689	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00074702	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00490623	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00504137	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00108229	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121489	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00512114	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00549377	mg/L	Pass

Analyte

Trichlorofluoromethane

Current MDL	Current RL
0.00024486	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00261	0.0019839	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000929131	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094329(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00427346	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00445165(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00054871	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070345(	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00450218(	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00411027	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.000715896	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00109956	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00472053	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00448428	mg/L	Pass

Trihalomethanes, Total

Current MDL	Current RL
0.00020908	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000209	0.004	mg/L	19.1	0.01154	0.0084091	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00373	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.003833	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.01923	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.01881	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.002736	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.002443	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01856	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.01855	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.004811	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.005008	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01967	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02061	mg/L	Pass

Vinyl acetate

Current MDL	Current RL
0.0035697	0.02

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.003569	0.005	mg/L	1.4	0.01497	0.0107429	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00471391	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00467710(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02402470(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02308109	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00430837	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00401576	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02345600	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02294625	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00582983	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00603690	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02515456	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02806646	mg/L	Pass

Vinyl chloride

Current

MDL	RL
0.00023361	0.002

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000233	0.001	mg/L	4.3	0.00280	0.0020769	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00085704	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00078665	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00472327	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00451934	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00079154	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00075068	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00496618	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00486418	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00076653	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115768	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00463359	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00447760	mg/L	Pass

Xylenes, Total

Current

MDL	RL
0.00032971	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000329	0.002	mg/L	6.1	0.00606	0.0042740	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00215	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001895	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00954	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00184	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001749	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0097	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00971	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00236	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00239	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01011	mg/L	Pass

Analyte										
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01068	mg/L	Pass

Detected? Pass = result was detected ; Fail = result < = 0 . If MDLV is < MDL , verify Detection or S/N ratio
MDLV: Pass = meets Spike/MDL ratio , Spike High =Spike/MDL > ratio , Spike Low = Spike < MDL
Spike/MDL ratio = 3.00

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

860-39483 Chain of Custody

Environment Testing

12/29/2022

Client Information	Sampler: Tania Bebu / Faith Morris	Lab PM: McDaniel, Bethany A	
Client Contact: John Ynfante	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	Page 1 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:		Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:		
City: Houston	TAT Requested (days): STD		
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No		
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02		
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02		
Project Name: STC Silber Rd Annual GW	Project #: 86002024		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) VOCs - Custom List (7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
TB-01-12162022	12-16-22	0700	G	Water			X		
MW-93R-12162022		0746		Water					
MW-161-12162022		0810		Water					
MW-160-12162022		0825		Water					
MW-162-12162022		0840		Water					
MW-147-12162022		0858		Water					
MW-146-12162022		0916		Water					
MW-121-12162022		0942		Water					
MW-71-12162022		1003		Water					
MW-76-12162022		1101		Water					
MW-163-12162022		1400		Water					

Temp: IR ID:HOU-343
C/F:+0.3 0.8
Corrected Temp: 1.1

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 12-16-22 835	Company	Received by: YCDS	Date/Time: 12/17/22 835	Company E	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tania Baby/Faith Morris	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271.1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: Jacobs Engineering Group, Inc.	PWSID:	Analysis Requested		Job #:
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:			Preservation Codes:
City: Houston	TAT Requested (days): STD			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No			
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02			Other:
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02			
Project Name: STC Silber Rd Annual GW	Project #: 86002024			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) VOCs - Custom List (7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
SWD-20-12162022	12-16-22	1530	G	Water		X	X		
FD-06-12162022	12-16-22	—	G	Water			X		
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For _____ Months*

Deliverable Requested: I, II, III, IV, Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	12-17-22 835			12/17/22 835	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 860-39483-1

Login Number: 39483
List Number: 1
Creator: Torres, Sandra

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Knott
Jacobs Engineering Group, Inc.
12750 Merit Drive
Suite 1100
Dallas, Texas 75251

Generated 12/30/2022 9:17:16 AM

JOB DESCRIPTION

STC Silber Rd Annual GW

JOB NUMBER

860-39582-1

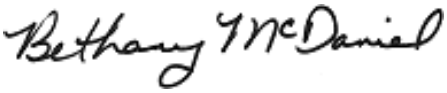
Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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12/30/2022 9:17:16 AM

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
(713)358-2005

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the MQL but greater than or equal to the SDL and the concentration is an estimated value.
U	Analyte was not detected at or above the SDL.

Glossary

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

Job ID: 860-39582-1

Laboratory: Eurofins Houston

Narrative

Job Narrative
860-39582-1

Receipt
The samples were received on 12/19/2022 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C

Receipt Exceptions
A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

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

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Client Sample ID: SWD-18-12192022 — Lab Sample ID: 860-39582-1

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00182		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.00101		0.00100	0.000801	mg/L	1		8260D	Total/NA

Client Sample ID: SWD-17-12192022 — Lab Sample ID: 860-39582-2

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.00591		0.00100	0.000738	mg/L	1		8260D	Total/NA

Client Sample ID: SWD-15-12192022 — Lab Sample ID: 860-39582-3

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00159		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.0107		0.00100	0.000738	mg/L	1		8260D	Total/NA
Trichloroethene	0.00121	J	0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: SWD-14-12192022 — Lab Sample ID: 860-39582-4

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.000998	J	0.00100	0.000714	mg/L	1		8260D	Total/NA
1,1-Dichloroethane	0.00193		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00888		0.00100	0.000738	mg/L	1		8260D	Total/NA
Tetrachloroethene	0.000901	J	0.00100	0.000801	mg/L	1		8260D	Total/NA
Trichloroethene	0.00146	J	0.00500	0.000791	mg/L	1		8260D	Total/NA

Client Sample ID: SWD-12-12192022 — Lab Sample ID: 860-39582-5

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.00103		0.00100	0.000635	mg/L	1		8260D	Total/NA
1,1-Dichloroethene	0.00441		0.00100	0.000738	mg/L	1		8260D	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 860-39582-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample ID: SWD-18-12192022

Lab Sample ID: 860-39582-1

Date Collected: 12/19/22 11:10

Matrix: Water

Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/28/22 23:48	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/28/22 23:48	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/28/22 23:48	1
1,1-Dichloroethene	**0.00182**		0.00100	0.000738	mg/L			12/28/22 23:48	1
Tetrachloroethene	**0.00101**		0.00100	0.000801	mg/L			12/28/22 23:48	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/28/22 23:48	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/28/22 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/28/22 23:48*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/28/22 23:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*12/28/22 23:48*	*1*
Toluene-d8 (Surr)	*100*		*80 - 117*		*12/28/22 23:48*	*1*

Client Sample ID: SWD-17-12192022

Lab Sample ID: 860-39582-2

Date Collected: 12/19/22 11:40

Matrix: Water

Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/29/22 00:09	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/29/22 00:09	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/29/22 00:09	1
1,1-Dichloroethene	**0.00591**		0.00100	0.000738	mg/L			12/29/22 00:09	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/29/22 00:09	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/29/22 00:09	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/29/22 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*12/29/22 00:09*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/29/22 00:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*12/29/22 00:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 117*		*12/29/22 00:09*	*1*

Client Sample ID: SWD-15-12192022

Lab Sample ID: 860-39582-3

Date Collected: 12/19/22 11:55

Matrix: Water

Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/29/22 00:29	1
1,1-Dichloroethane	**0.00159**		0.00100	0.000635	mg/L			12/29/22 00:29	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/29/22 00:29	1
1,1-Dichloroethene	**0.0107**		0.00100	0.000738	mg/L			12/29/22 00:29	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/29/22 00:29	1
Trichloroethene	**0.00121**	**J**	0.00500	0.000791	mg/L			12/29/22 00:29	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/29/22 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*12/29/22 00:29*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*12/29/22 00:29*	*1*

Client Sample ID: SWD-15-12192022

Lab Sample ID: 860-39582-3
Matrix: Water
Date Collected: 12/19/22 11:55
Date Received: 12/19/22 16:22

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		63 - 144		12/29/22 00:29	1
Toluene-d8 (Surr)	101		80 - 117		12/29/22 00:29	1

Client Sample ID: SWD-14-12192022

Lab Sample ID: 860-39582-4
Matrix: Water
Date Collected: 12/19/22 12:02
Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.000998**	**J**	0.00100	0.000714	mg/L			12/29/22 11:48	1
1,1-Dichloroethane	**0.00193**		0.00100	0.000635	mg/L			12/29/22 11:48	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/29/22 11:48	1
1,1-Dichloroethene	**0.00888**		0.00100	0.000738	mg/L			12/29/22 11:48	1
Tetrachloroethene	**0.000901**	**J**	0.00100	0.000801	mg/L			12/29/22 11:48	1
Trichloroethene	**0.00146**	**J**	0.00500	0.000791	mg/L			12/29/22 11:48	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/29/22 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		74 - 124		12/29/22 11:48	1
Dibromofluoromethane (Surr)	98		75 - 131		12/29/22 11:48	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		12/29/22 11:48	1
Toluene-d8 (Surr)	100		80 - 117		12/29/22 11:48	1

Client Sample ID: SWD-12-12192022

Lab Sample ID: 860-39582-5
Matrix: Water
Date Collected: 12/19/22 12:13
Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/29/22 00:50	1
1,1-Dichloroethane	**0.00103**		0.00100	0.000635	mg/L			12/29/22 00:50	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/29/22 00:50	1
1,1-Dichloroethene	**0.00441**		0.00100	0.000738	mg/L			12/29/22 00:50	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/29/22 00:50	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/29/22 00:50	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/29/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		74 - 124		12/29/22 00:50	1
Dibromofluoromethane (Surr)	97		75 - 131		12/29/22 00:50	1
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		12/29/22 00:50	1
Toluene-d8 (Surr)	100		80 - 117		12/29/22 00:50	1

Client Sample ID: Trip Blank

Lab Sample ID: 860-39582-6
Matrix: Water
Date Collected: 12/19/22 00:00
Date Received: 12/19/22 16:22

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/28/22 22:47	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/28/22 22:47	1

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Client Sample ID: Trip Blank
Date Collected: 12/19/22 00:00
Date Received: 12/19/22 16:22

Lab Sample ID: 860-39582-6
Matrix: Water

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

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/28/22 22:47	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/28/22 22:47	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/28/22 22:47	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/28/22 22:47	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/28/22 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/28/22 22:47*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/28/22 22:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*12/28/22 22:47*	*1*
Toluene-d8 (Surr)	*103*		*80 - 117*		*12/28/22 22:47*	*1*

Unadjusted Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	MQL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
1,2-Dichloroethane	0.00100	0.000590	mg/L
cis-1,2-Dichloroethene	0.00100	0.000714	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L
Trichloroethene	0.00500	0.000791	mg/L
Vinyl chloride	0.00200	0.000638	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-39582-1	SWD-18-12192022	105	98	102	100
860-39582-2	SWD-17-12192022	103	98	102	101
860-39582-3	SWD-15-12192022	105	98	102	101
860-39582-4	SWD-14-12192022	102	98	101	100
860-39582-4 MS	SWD-14-12192022	99	99	103	99
860-39582-5	SWD-12-12192022	103	97	101	100
860-39582-6	Trip Blank	106	97	100	103
880-23017-B-1 MS	Matrix Spike	100	99	102	102
880-23017-B-1 MSD	Matrix Spike Duplicate	104	98	101	102
LCS 860-83651/3	Lab Control Sample	101	99	101	101
LCS 860-83718/3	Lab Control Sample	98	100	103	100
LCSD 860-83651/4	Lab Control Sample Dup	100	99	101	101
LCSD 860-83718/4	Lab Control Sample Dup	99	100	102	100
MB 860-83651/11	Method Blank	110	97	100	105
MB 860-83718/10	Method Blank	106	97	101	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-83651/11
Matrix: Water
Analysis Batch: 83651

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/28/22 22:26	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/28/22 22:26	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/28/22 22:26	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/28/22 22:26	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/28/22 22:26	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/28/22 22:26	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/28/22 22:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*74 - 124*		*12/28/22 22:26*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/28/22 22:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*12/28/22 22:26*	*1*
Toluene-d8 (Surr)	*105*		*80 - 117*		*12/28/22 22:26*	*1*

Lab Sample ID: LCS 860-83651/3
Matrix: Water
Analysis Batch: 83651

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.05124		mg/L		102	75 - 125		
1,1-Dichloroethane			0.0500	0.05070		mg/L		101	70 - 130		
1,2-Dichloroethane			0.0500	0.05148		mg/L		103	72 - 130		
1,1-Dichloroethene			0.0500	0.05053		mg/L		101	50 - 150		
Tetrachloroethene			0.0500	0.05140		mg/L		103	71 - 125		
Trichloroethene			0.0500	0.05088		mg/L		102	75 - 135		
Vinyl chloride			0.0500	0.04942		mg/L		99	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

Lab Sample ID: LCSD 860-83651/4
Matrix: Water
Analysis Batch: 83651

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.05095		mg/L		102	75 - 125	1	25
1,1-Dichloroethane			0.0500	0.05062		mg/L		101	70 - 130	0	25
1,2-Dichloroethane			0.0500	0.05164		mg/L		103	72 - 130	0	25
1,1-Dichloroethene			0.0500	0.05038		mg/L		101	50 - 150	0	25
Tetrachloroethene			0.0500	0.05165		mg/L		103	71 - 125	0	25
Trichloroethene			0.0500	0.05098		mg/L		102	75 - 135	0	25
Vinyl chloride			0.0500	0.04933		mg/L		99	60 - 140	0	25

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

Lab Sample ID: LCSD 860-83651/4
Matrix: Water
Analysis Batch: 83651

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*101*		*80 - 117*

Lab Sample ID: 880-23017-B-1 MS
Matrix: Water
Analysis Batch: 83651

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.05270		mg/L		105	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.05234		mg/L		105	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.05461		mg/L		109	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.05028		mg/L		101	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.05288		mg/L		106	71 - 125
Trichloroethene	0.000791	U	0.0500	0.05102		mg/L		102	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.05085		mg/L		102	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

Lab Sample ID: 880-23017-B-1 MSD
Matrix: Water
Analysis Batch: 83651

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.04804		mg/L		96	75 - 125	9	25
1,1-Dichloroethane	0.000635	U	0.0500	0.04766		mg/L		95	72 - 125	9	25
1,2-Dichloroethane	0.000590	U	0.0500	0.04980		mg/L		100	68 - 127	9	25
1,1-Dichloroethene	0.000738	U	0.0500	0.04587		mg/L		92	59 - 172	9	25
Tetrachloroethene	0.000801	U	0.0500	0.04894		mg/L		98	71 - 125	8	25
Trichloroethene	0.000791	U	0.0500	0.04696		mg/L		94	62 - 137	8	25
Vinyl chloride	0.000638	U	0.0500	0.04537		mg/L		91	60 - 140	11	25

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*102*		*80 - 117*

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

Lab Sample ID: MB 860-83718/10
Matrix: Water
Analysis Batch: 83718

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			12/29/22 11:28	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			12/29/22 11:28	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			12/29/22 11:28	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			12/29/22 11:28	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			12/29/22 11:28	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			12/29/22 11:28	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			12/29/22 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*12/29/22 11:28*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 131*		*12/29/22 11:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*12/29/22 11:28*	*1*
Toluene-d8 (Surr)	*102*		*80 - 117*		*12/29/22 11:28*	*1*

Lab Sample ID: LCS 860-83718/3
Matrix: Water
Analysis Batch: 83718

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.05427		mg/L		109	75 - 125		
1,1-Dichloroethane			0.0500	0.05403		mg/L		108	70 - 130		
1,2-Dichloroethane			0.0500	0.05637		mg/L		113	72 - 130		
1,1-Dichloroethene			0.0500	0.05300		mg/L		106	50 - 150		
Tetrachloroethene			0.0500	0.05235		mg/L		105	71 - 125		
Trichloroethene			0.0500	0.05268		mg/L		105	75 - 135		
Vinyl chloride			0.0500	0.05290		mg/L		106	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: LCSD 860-83718/4
Matrix: Water
Analysis Batch: 83718

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.05127		mg/L		103	75 - 125	6	25
1,1-Dichloroethane			0.0500	0.05078		mg/L		102	70 - 130	6	25
1,2-Dichloroethane			0.0500	0.05439		mg/L		109	72 - 130	4	25
1,1-Dichloroethene			0.0500	0.04941		mg/L		99	50 - 150	7	25
Tetrachloroethene			0.0500	0.04929		mg/L		99	71 - 125	6	25
Trichloroethene			0.0500	0.04987		mg/L		100	75 - 135	5	25
Vinyl chloride			0.0500	0.04868		mg/L		97	60 - 140	8	25

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

Lab Sample ID: LCSD 860-83718/4
Matrix: Water
Analysis Batch: 83718

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
Toluene-d8 (Surr)	*100*		*80 - 117*

Lab Sample ID: 860-39582-4 MS
Matrix: Water
Analysis Batch: 83718

Client Sample ID: SWD-14-12192022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000998	J	0.0500	0.05830		mg/L		115	75 - 125
1,1-Dichloroethane	0.00193		0.0500	0.05867		mg/L		113	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.05950		mg/L		119	68 - 127
1,1-Dichloroethene	0.00888		0.0500	0.06341		mg/L		109	59 - 172
Tetrachloroethene	0.000901	J	0.0500	0.05813		mg/L		114	71 - 125
Trichloroethene	0.00146	J	0.0500	0.05664		mg/L		110	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.05097		mg/L		102	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*
Toluene-d8 (Surr)	*99*		*80 - 117*

GC/MS VOA

Analysis Batch: 83651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39582-1	SWD-18-12192022	Total/NA	Water	8260D	
860-39582-2	SWD-17-12192022	Total/NA	Water	8260D	
860-39582-3	SWD-15-12192022	Total/NA	Water	8260D	
860-39582-5	SWD-12-12192022	Total/NA	Water	8260D	
860-39582-6	Trip Blank	Total/NA	Water	8260D	
MB 860-83651/11	Method Blank	Total/NA	Water	8260D	
LCS 860-83651/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83651/4	Lab Control Sample Dup	Total/NA	Water	8260D	
880-23017-B-1 MS	Matrix Spike	Total/NA	Water	8260D	
880-23017-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 83718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-39582-4	SWD-14-12192022	Total/NA	Water	8260D	
MB 860-83718/10	Method Blank	Total/NA	Water	8260D	
LCS 860-83718/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-83718/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-39582-4 MS	SWD-14-12192022	Total/NA	Water	8260D	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Client Sample ID: SWD-18-12192022
Lab Sample ID: 860-39582-1
Date Collected: 12/19/22 11:10
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83651	12/28/22 23:48	NA	EET HOU

Client Sample ID: SWD-17-12192022
Lab Sample ID: 860-39582-2
Date Collected: 12/19/22 11:40
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83651	12/29/22 00:09	NA	EET HOU

Client Sample ID: SWD-15-12192022
Lab Sample ID: 860-39582-3
Date Collected: 12/19/22 11:55
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83651	12/29/22 00:29	NA	EET HOU

Client Sample ID: SWD-14-12192022
Lab Sample ID: 860-39582-4
Date Collected: 12/19/22 12:02
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83718	12/29/22 11:48	AN	EET HOU

Client Sample ID: SWD-12-12192022
Lab Sample ID: 860-39582-5
Date Collected: 12/19/22 12:13
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83651	12/29/22 00:50	NA	EET HOU

Client Sample ID: Trip Blank
Lab Sample ID: 860-39582-6
Date Collected: 12/19/22 00:00
Matrix: Water
Date Received: 12/19/22 16:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	83651	12/28/22 22:47	NA	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-39582-1
Project/Site: STC Silber Rd Annual GW

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-48	06-30-23
Texas	TCEQ Water Supply	T104704215	12-31-22
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-39582-1	SWD-18-12192022	Water	12/19/22 11:10	12/19/22 16:22
860-39582-2	SWD-17-12192022	Water	12/19/22 11:40	12/19/22 16:22
860-39582-3	SWD-15-12192022	Water	12/19/22 11:55	12/19/22 16:22
860-39582-4	SWD-14-12192022	Water	12/19/22 12:02	12/19/22 16:22
860-39582-5	SWD-12-12192022	Water	12/19/22 12:13	12/19/22 16:22
860-39582-6	Trip Blank	Water	12/19/22 00:00	12/19/22 16:22

Appendix A

Laboratory Data Package Cover Page - Page 1 of 4

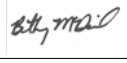
This data package is for Job No. 860-39582-1 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- ☑ R1- Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. prepatation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified coumpounds (TICs).
- ☑ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☐ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
- ☑ R10 - Other problems or anomalies.
- ☐ Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspected by ☐ TCEQ or ☐ _____ on __/__/__. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date
Bethany McDaniel		Senior Project Manager	12/30/2022

Laboratory Data Package Cover Page - Page 2 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/30/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39582-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		✓			1
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample detection limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?			✓		
		Were % moisture (or solids) reported for all soil and sediment samples?			✓		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			✓		
		If required for the project, are TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?	✓				
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	✓				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/30/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39582-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	✓				
		Were percent RSDs or correlation coefficient criteria met?	✓				
		Was the number of standards recommended in the method used for all analytes?	✓				
		Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
		Are ICAL data available for all instruments used?	✓				
		Has the initial calibration curve been verified using an appropriate second source standard?	✓				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	✓				
		Were percent differences for each analyte within the method-required QC limits?	✓				
		Was the ICAL curve verified for each analyte?	✓				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			✓		
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?	✓				
		Were ion abundance data within the method-required QC limits?	✓				
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?	✓				
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
		Were data associated with manual integrations flagged on the raw data?	✓				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			✓		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?			✓		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	✓				
		Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	✓				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	✓				
		Is documentation of the analyst's competency up-to-date and on file?	✓				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period;
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Cover Page - Page 4 of 4

Laboratory Name: Eurofins Houston	LRC Date: 12/30/2022
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-39582-1
Reviewer Name: Bethany McDaniel	

ER#[1]	Description
1	A trip blank was not submitted for analysis with this sample shipment; and was not listed on the Chain of Custody (COC).

1. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

Detection Check Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-39582-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**
Prep Method: 5030C-Purge and Trap
Instrument: A325 **Detector: MSD/0** **Column: DB-624**

Analyte	Spike Added	Result	Qualifier	Unit	RL	MDL	Analysis Date	Analysis Batch
Trichloroethene	0.00250	0.00252	J	mg/L	0.00500	0.000424	06/29/2022	860-59015
Vinyl chloride	0.00250	0.00252		mg/L	0.00200	0.000234	06/29/2022	860-59015
cis-1,2-Dichloroethene	0.00250	0.00229		mg/L	0.00100	0.000174	06/29/2022	860-59015
1,1-Dichloroethane	0.00250	0.00248		mg/L	0.00100	0.000244	06/29/2022	860-59015
1,2-Dichloroethane	0.00250	0.00248		mg/L	0.00100	0.000285	06/29/2022	860-59015
1,1-Dichloroethene	0.00250	0.00226		mg/L	0.00100	0.000216	06/29/2022	860-59015
Tetrachloroethene	0.00250	0.00244		mg/L	0.00100	0.000500	06/29/2022	860-59015

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Tanju Bahy, Faith Morris	Lab PM: McDaniel, Bethany A	Carrier Tracking No(s):	COC No: 860-14829-5271.1
Client Contact: John Ynfante	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Jacobs Engineering Group, Inc.	PWSID:			Job #:

Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:
City: Houston	TAT Requested (days): STD
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No
Phone:	PO #: D3662229 C.CS.TPE.SIL.22-05-02
Email: John.Ynfante@jacobs.com	WO #: D3662229 C.CS.TPE.SIL.22-05-02
Project Name: STC Silber Rd Annual GW	Project #: 86002024
Site:	SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) VOCs - Custom List (7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
SWD-18-12192022	12-19-22	1110	G	Water			X		
SWD-17-12192022		1140		Water			X		
SWD-15-12192022		1155		Water			X		
SWD-14-12192022		1202		Water			X		
SWD-12-12192022		1213		Water			X		
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

860-39582 Chain of Custody

Temp: 2.4 IR ID:HOU-343
C/F:+0.3
Corrected Temp: 2.7

*only one voa.
2 of 3 voa broke in transport. * for SWD-12

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 12-19-22 1622	Company	Received by: YCRS	Date/Time: 12/19/22 1622	Company E
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

Job Number: 860-39582-1

Login Number: 39582
List Number: 1
Creator: Rubio, Yuri

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Knott
Jacobs Engineering Group, Inc.
12750 Merit Drive
Suite 1100
Dallas, Texas 75251

Generated 1/4/2023 2:12:55 PM

JOB DESCRIPTION

STC Silber Rd Annual GW

JOB NUMBER

860-40277-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

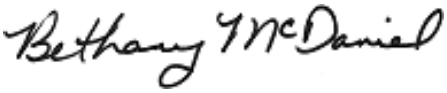
See page two for job notes and contact information.

Eurofins Houston

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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1/4/2023 2:12:55 PM

Authorized for release by
Bethany McDaniel, Senior Project Manager
Bethany.McDaniel@et.eurofinsus.com
(713)358-2005

Table of Contents

Definitions/Glossary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Analyte was not detected at or above the SDL.

Glossary

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

Case Narrative

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Job ID: 860-40277-1

Laboratory: Eurofins Houston

Narrative

Job Narrative
860-40277-1

Receipt
The samples were received on 1/3/2023 12:33 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 12.9°C

Receipt Exceptions
The following samples were received at the laboratory outside the required temperature criteria: TB01-01032023 (860-40277-1), MW77-01032023 (860-40277-2) and MW180-01032023 (860-40277-3). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

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

Detection Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Client Sample ID: TB01-01032023 — Lab Sample ID: 860-40277-1

No Detections.

Client Sample ID: MW77-01032023 — Lab Sample ID: 860-40277-2

No Detections.

Client Sample ID: MW180-01032023 — Lab Sample ID: 860-40277-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: TB01-01032023

Lab Sample ID: 860-40277-1

Date Collected: 01/03/23 09:00

Matrix: Water

Date Received: 01/03/23 12:33

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			01/03/23 14:22	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			01/03/23 14:22	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			01/03/23 14:22	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			01/03/23 14:22	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			01/03/23 14:22	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			01/03/23 14:22	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			01/03/23 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*01/03/23 14:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*01/03/23 14:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*01/03/23 14:22*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*01/03/23 14:22*	*1*

Client Sample ID: MW77-01032023

Lab Sample ID: 860-40277-2

Date Collected: 01/03/23 10:35

Matrix: Water

Date Received: 01/03/23 12:33

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			01/03/23 16:04	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			01/03/23 16:04	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			01/03/23 16:04	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			01/03/23 16:04	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			01/03/23 16:04	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			01/03/23 16:04	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			01/03/23 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*01/03/23 16:04*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*01/03/23 16:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*01/03/23 16:04*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*01/03/23 16:04*	*1*

Client Sample ID: MW180-01032023

Lab Sample ID: 860-40277-3

Date Collected: 01/03/23 11:35

Matrix: Water

Date Received: 01/03/23 12:33

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			01/03/23 16:25	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			01/03/23 16:25	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			01/03/23 16:25	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			01/03/23 16:25	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			01/03/23 16:25	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			01/03/23 16:25	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			01/03/23 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*01/03/23 16:25*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*01/03/23 16:25*	*1*

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Client Sample ID: MW180-01032023
Date Collected: 01/03/23 11:35
Date Received: 01/03/23 12:33

Lab Sample ID: 860-40277-3
Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		63 - 144		01/03/23 16:25	1
Toluene-d8 (Surr)	99		80 - 117		01/03/23 16:25	1

Unadjusted Detection Limits

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	MQL	MDL	Units
1,1-Dichloroethane	0.00100	0.000635	mg/L
1,1-Dichloroethene	0.00100	0.000738	mg/L
1,2-Dichloroethane	0.00100	0.000590	mg/L
cis-1,2-Dichloroethene	0.00100	0.000714	mg/L
Tetrachloroethene	0.00100	0.000801	mg/L
Trichloroethene	0.00500	0.000791	mg/L
Vinyl chloride	0.00200	0.000638	mg/L

Surrogate Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(74-124)	(75-131)	(63-144)	(80-117)
860-40033-H-4 MS	Matrix Spike	102	105	101	98
860-40277-1	TB01-01032023	101	101	101	98
860-40277-2	MW77-01032023	103	101	100	98
860-40277-3	MW180-01032023	103	102	101	99
LCS 860-84117/3	Lab Control Sample	100	104	101	98
LCSD 860-84117/4	Lab Control Sample Dup	99	102	100	97
MB 860-84117/9	Method Blank	101	100	100	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-84117/9
Matrix: Water
Analysis Batch: 84117

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

Analyte	MB Result	MB Qualifier	MQL (Adj)	SDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	0.000714	U	0.00100	0.000714	mg/L			01/03/23 14:01	1
1,1-Dichloroethane	0.000635	U	0.00100	0.000635	mg/L			01/03/23 14:01	1
1,2-Dichloroethane	0.000590	U	0.00100	0.000590	mg/L			01/03/23 14:01	1
1,1-Dichloroethene	0.000738	U	0.00100	0.000738	mg/L			01/03/23 14:01	1
Tetrachloroethene	0.000801	U	0.00100	0.000801	mg/L			01/03/23 14:01	1
Trichloroethene	0.000791	U	0.00500	0.000791	mg/L			01/03/23 14:01	1
Vinyl chloride	0.000638	U	0.00200	0.000638	mg/L			01/03/23 14:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*01/03/23 14:01*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*01/03/23 14:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*01/03/23 14:01*	*1*
Toluene-d8 (Surr)	*98*		*80 - 117*		*01/03/23 14:01*	*1*

Lab Sample ID: LCS 860-84117/3
Matrix: Water
Analysis Batch: 84117

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
cis-1,2-Dichloroethene			0.0500	0.05057		mg/L		101	75 - 125		
1,1-Dichloroethane			0.0500	0.05004		mg/L		100	70 - 130		
1,2-Dichloroethane			0.0500	0.05113		mg/L		102	72 - 130		
1,1-Dichloroethene			0.0500	0.05003		mg/L		100	50 - 150		
Tetrachloroethene			0.0500	0.04676		mg/L		94	71 - 125		
Trichloroethene			0.0500	0.04748		mg/L		95	75 - 135		
Vinyl chloride			0.0500	0.05602		mg/L		112	60 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*104*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

Lab Sample ID: LCSD 860-84117/4
Matrix: Water
Analysis Batch: 84117

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			0.0500	0.04829		mg/L		97	75 - 125	5	25
1,1-Dichloroethane			0.0500	0.04782		mg/L		96	70 - 130	5	25
1,2-Dichloroethane			0.0500	0.05016		mg/L		100	72 - 130	2	25
1,1-Dichloroethene			0.0500	0.04653		mg/L		93	50 - 150	7	25
Tetrachloroethene			0.0500	0.04358		mg/L		87	71 - 125	7	25
Trichloroethene			0.0500	0.04484		mg/L		90	75 - 135	6	25
Vinyl chloride			0.0500	0.05217		mg/L		104	60 - 140	7	25

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

Lab Sample ID: LCSD 860-84117/4
Matrix: Water
Analysis Batch: 84117

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*
Toluene-d8 (Surr)	*97*		*80 - 117*

Lab Sample ID: 860-40033-H-4 MS
Matrix: Water
Analysis Batch: 84117

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	0.000714	U	0.0500	0.05160		mg/L		103	75 - 125
1,1-Dichloroethane	0.000635	U	0.0500	0.05077		mg/L		102	72 - 125
1,2-Dichloroethane	0.000590	U	0.0500	0.04997		mg/L		100	68 - 127
1,1-Dichloroethene	0.000738	U	0.0500	0.04936		mg/L		99	59 - 172
Tetrachloroethene	0.000801	U	0.0500	0.04845		mg/L		97	71 - 125
Trichloroethene	0.000791	U	0.0500	0.04739		mg/L		95	62 - 137
Vinyl chloride	0.000638	U	0.0500	0.05087		mg/L		102	60 - 140

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*105*		*75 - 131*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*
Toluene-d8 (Surr)	*98*		*80 - 117*

QC Association Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

GC/MS VOA

Analysis Batch: 84117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-40277-1	TB01-01032023	Total/NA	Water	8260D	
860-40277-2	MW77-01032023	Total/NA	Water	8260D	
860-40277-3	MW180-01032023	Total/NA	Water	8260D	
MB 860-84117/9	Method Blank	Total/NA	Water	8260D	
LCS 860-84117/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-84117/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-40033-H-4 MS	Matrix Spike	Total/NA	Water	8260D	

Lab Chronicle

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Client Sample ID: TB01-01032023

Lab Sample ID: 860-40277-1

Date Collected: 01/03/23 09:00

Matrix: Water

Date Received: 01/03/23 12:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	84117	01/03/23 14:22	NA	EET HOU

Client Sample ID: MW77-01032023

Lab Sample ID: 860-40277-2

Date Collected: 01/03/23 10:35

Matrix: Water

Date Received: 01/03/23 12:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	84117	01/03/23 16:04	NA	EET HOU

Client Sample ID: MW180-01032023

Lab Sample ID: 860-40277-3

Date Collected: 01/03/23 11:35

Matrix: Water

Date Received: 01/03/23 12:33

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	84117	01/03/23 16:25	NA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Jacobs Engineering Group, Inc.
Job ID: 860-40277-1
Project/Site: STC Silber Rd Annual GW

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-23
Florida	NELAP	E871002	06-30-23
Louisiana	NELAP	03054	06-30-23
Louisiana (All)	NELAP	03054	06-30-23
Oklahoma	State	1306	08-31-23
Texas	NELAP	T104704215-22-48	06-30-23
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	P330-22-00025	03-02-23

Method Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Jacobs Engineering Group, Inc.
Project/Site: STC Silber Rd Annual GW

Job ID: 860-40277-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-40277-1	TB01-01032023	Water	01/03/23 09:00	01/03/23 12:33
860-40277-2	MW77-01032023	Water	01/03/23 10:35	01/03/23 12:33
860-40277-3	MW180-01032023	Water	01/03/23 11:35	01/03/23 12:33

Appendix A

Laboratory Data Package Cover Page - Page 1 of 4

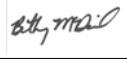
This data package is for Job No. 860-40277-1 and consists of:

This signature page, the laboratory review checklist, and the following reportable data:

- ☑ R1- Field chain-of-custody documentation;
- ☑ R2 - Sample identification cross-reference;
- ☑ R3 - Test reports (analytical data sheets) for each environmental sample that includes:
  a. Items consistent with NELAC Chapter 5,
  b. dilution factors,
  c. prepatation methods,
  d. cleanup methods, and
  e. if required for the project, tentatively identified coumpounds (TICs).
- ☑ R4 - Surrogate recovery data including:
  a. Calculated recovery (%R), and
  b. The laboratory's surrogate QC limits.
- ☑ R5 - Test reports/summary forms for blank samples;
- ☑ R6 - Test reports/summary forms for laboratory control samples (LCSs) including:
  a. LCS spiking amounts,
  b. Calculated %R for each analyte, and
  c. The laboratory's LCS QC limits.
- ☑ R7 - Test reports for project matrix spike/matrix spike duplicates (MS/MSDs) including:
  a. Samples associated with the MS/MSD clearly identified,
  b. MS/MSD spiking amounts,
  c. Concentration of each MS/MSD analyte measured in the parent and spiked samples,
  d. Calculated %Rs and relative percent differences (RPDs), and
  e. The laboratory's MS/MSD QC limits
- ☐ R8 - Laboratory analytical duplicate (if applicable) recovery and precision:
  a. The amount of analyte measured in the duplicate,
  b. The calculated RPD, and
  c. The laboratory's QC limits for analytical duplicates.
- ☑ R9 - List of method quantitation limits (MQLs) and detectability check sample results for each analyte for each method and matrix;
- ☑ R10 - Other problems or anomalies.
- ☐ Exception Report for every "No" or "Not Reviewed (NR)" item in Laboratory Review Checklist and for each analyte, matrix, and method for which the laboratory does not hold NELAC accreditation under the Texas Laboratory Accreditation Program.

Release Statement: I am responsible for the release of this laboratory data package. This laboratory is NELAC accredited under the Texas Laboratory Accreditation Program for all the methods, analytes, and matrices reported in this data package except as noted in the Exception Reports. The data have been reviewed and are technically compliant with the requirements of the methods used, except where noted by the laboratory in the Exception Reports. By my signature below, I affirm to the best of my knowledge all problems/anomalies observed by the laboratory have been identified in the Laboratory Review Checklist, and no information affecting the quality of the data has been knowingly withheld.

Check, if applicable: ☐ This laboratory meets an exception under 30 TAC §25.6 and was last inspected by ☐ TCEQ or ☐ _____ on __/__/__. Any findings affecting the data in this laboratory data package are noted in the Exception Reports herein. The official signing the cover page of the report in which these data are used is responsible for releasing this data package and is by signature affirming the above release statement is true.

Name (Printed)	Signature	Official Title (Printed)	Date
Bethany McDaniel		Senior Project Manager	01/04/2023

Laboratory Data Package Cover Page - Page 2 of 4

Laboratory Name: Eurofins Houston	LRC Date: 01/04/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-40277-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
R1	OI	**Chain-of-custody (C-O-C)**					
		Did samples meet the laboratory's standard conditions of sample acceptability upon receipt?		✓			1
		Were all departures from standard conditions described in an exception report?	✓				
R2	OI	**Sample and quality control (QC) identification**					
		Are all field sample ID numbers cross-referenced to the laboratory ID numbers?	✓				
		Are all laboratory ID numbers cross-referenced to the corresponding QC data?	✓				
R3	OI	**Test reports**					
		Were all samples prepared and analyzed within holding times?	✓				
		Other than those results < MQL, were all other raw values bracketed by calibration standards?	✓				
		Were calculations checked by a peer or supervisor?	✓				
		Were all analyte identifications checked by a peer or supervisor?	✓				
		Were sample detection limits reported for all analytes not detected?	✓				
		Were all results for soil and sediment samples reported on a dry weight basis?			✓		
		Were % moisture (or solids) reported for all soil and sediment samples?			✓		
		Were bulk soils/solids samples for volatile analysis extracted with methanol per SW846 Method 5035?			✓		
		If required for the project, are TICs reported?			✓		
R4	O	**Surrogate recovery data**					
		Were surrogates added prior to extraction?	✓				
		Were surrogate percent recoveries in all samples within the laboratory QC limits?	✓				
R5	OI	**Test reports/summary forms for blank samples**					
		Were appropriate type(s) of blanks analyzed?	✓				
		Were blanks analyzed at the appropriate frequency?	✓				
		Were method blanks taken through the entire analytical process, including preparation and, if applicable, cleanup procedures?	✓				
		Were blank concentrations < MQL?	✓				
R6	OI	**Laboratory control samples (LCS):**					
		Were all COCs included in the LCS?	✓				
		Was each LCS taken through the entire analytical procedure, including prep and cleanup steps?	✓				
		Were LCSs analyzed at the required frequency?	✓				
		Were LCS (and LCSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Does the detectability check sample data document the laboratory's capability to detect the COCs at the MDL used to calculate the SDLs?	✓				
		Was the LCSD RPD within QC limits?	✓				
R7	OI	**Matrix spike (MS) and matrix spike duplicate (MSD) data**					
		Were the project/method specified analytes included in the MS and MSD?	✓				
		Were MS/MSD analyzed at the appropriate frequency?	✓				
		Were MS (and MSD, if applicable) %Rs within the laboratory QC limits?	✓				
		Were MS/MSD RPDs within laboratory QC limits?			✓		
R8	OI	**Analytical duplicate data**					
		Were appropriate analytical duplicates analyzed for each matrix?			✓		
		Were analytical duplicates analyzed at the appropriate frequency?			✓		
		Were RPDs or relative standard deviations within the laboratory QC limits?			✓		
R9	OI	**Method quantitation limits (MQLs):**					
		Are the MQLs for each method analyte included in the laboratory data package?	✓				
		Do the MQLs correspond to the concentration of the lowest non-zero calibration standard?	✓				
		Are unadjusted MQLs and DCSs included in the laboratory data package?	✓				
R10	OI	**Other problems/anomalies**					
		Are all known problems/anomalies/special conditions noted in this LRC and ER?	✓				
		Was applicable and available technology used to lower the SDL to minimize the matrix interference effects on the sample results?	✓				
		Is the laboratory NELAC-accredited under the Texas Laboratory Accreditation Program for the analytes, matrices and methods associated with this laboratory data package?	✓				

Laboratory Data Package Cover Page - Page 3 of 4

Laboratory Name: Eurofins Houston	LRC Date: 01/04/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-40277-1
Reviewer Name: Bethany McDaniel	

#[1]	A[2]	Description	Yes	No	NA[3]	NR[4]	ER#[5]
S1	OI	**Initial calibration (ICAL)**					
		Were response factors and/or relative response factors for each analyte within QC limits?	✓				
		Were percent RSDs or correlation coefficient criteria met?	✓				
		Was the number of standards recommended in the method used for all analytes?	✓				
		Were all points generated between the lowest and highest standard used to calculate the curve?	✓				
		Are ICAL data available for all instruments used?	✓				
		Has the initial calibration curve been verified using an appropriate second source standard?	✓				
S2	OI	**Initial and continuing calibration verification (ICCV and CCV) and continuing calibration blank (CCB):**					
		Was the CCV analyzed at the method-required frequency?	✓				
		Were percent differences for each analyte within the method-required QC limits?	✓				
		Was the ICAL curve verified for each analyte?	✓				
		Was the absolute value of the analyte concentration in the inorganic CCB < MDL?			✓		
S3	O	**Mass spectral tuning**					
		Was the appropriate compound for the method used for tuning?	✓				
		Were ion abundance data within the method-required QC limits?	✓				
S4	O	**Internal standards (IS)**					
		Were IS area counts and retention times within the method-required QC limits?	✓				
S5	OI	**Raw data (NELAC Section 5.5.10)**					
		Were the raw data (for example, chromatograms, spectral data) reviewed by an analyst?	✓				
		Were data associated with manual integrations flagged on the raw data?	✓				
S6	O	**Dual column confirmation**					
		Did dual column confirmation results meet the method-required QC?			✓		
S7	O	**Tentatively identified compounds (TICs)**					
		If TICs were requested, were the mass spectra and TIC data subject to appropriate checks?			✓		
S8	I	**Interference Check Sample (ICS) results**					
		Were percent recoveries within method QC limits?			✓		
S9	I	**Serial dilutions, post digestion spikes, and method of standard additions**					
		Were percent differences, recoveries, and the linearity within the QC limits specified in the method?			✓		
S10	OI	**Method detection limit (MDL) studies**					
		Was a MDL study performed for each reported analyte?	✓				
		Is the MDL either adjusted or supported by the analysis of DCSs?	✓				
S11	OI	**Proficiency test reports**					
		Was the laboratory's performance acceptable on the applicable proficiency tests or evaluation studies?	✓				
S12	OI	**Standards documentation**					
		Are all standards used in the analyses NIST-traceable or obtained from other appropriate sources?	✓				
S13	OI	**Compound/analyte identification procedures**					
		Are the procedures for compound/analyte identification documented?	✓				
S14	OI	**Demonstration of analyst competency (DOC)**					
		Was DOC conducted consistent with NELAC Chapter 5?	✓				
		Is documentation of the analyst's competency up-to-date and on file?	✓				
S15	OI	**Verification/validation documentation for methods (NELAC Chapter 5)**					
		Are all the methods used to generate the data documented, verified, and validated, where applicable?	✓				
S16	OI	**Laboratory standard operating procedures (SOPs)**					
		Are laboratory SOPs current and on file for each method performed?	✓				

1. Items identified by the letter "R" must be included in the laboratory data package submitted in the TRRP-required report(s). Items identified by the letter "S" should be retained and made available upon request for the appropriate retention period;
2. O = organic analyses; I = inorganic analyses (and general chemistry, when applicable);
3. NA = Not applicable;
4. NR = Not reviewed;
5. ER# = Exception Report identification number (an Exception Report should be completed for an item if "NR" or "No" is checked).

Laboratory Data Package Cover Page - Page 4 of 4

Laboratory Name: Eurofins Houston	LRC Date: 01/04/2023
Project Name: STC Silber Rd Annual GW	Laboratory Job Number: 860-40277-1
Reviewer Name: Bethany McDaniel	

ER#[1]	Description
1	The following samples were received at the laboratory outside the required temperature criteria: TB01-01032023 (860-40277-1), MW77-01032023 (860-40277-2) and MW180-01032023 (860-40277-3). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

1. ER# = Exception Report identification number (an Exception Report should be completed for an item if “NR” or “No” is checked).

Method 8260C Detection Limit Validation

Laboratory Eurofins Houston

Preparation Method: 5030C MDLV

Limit Group MSV - 8260_B-C-D_624.1 -Water-RL_MDL_LOD

Analysis Dates: 12/17/2021 to 12/28/2021

Analyte

1,1,1,2-Tetrachloroethane

Current MDL	Current RL
0.00032738	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000327	0.001	mg/L	3.1	0.00289	0.0020917	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00095427	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097032	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00515844	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474379	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086770	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00071835	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00484983	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00462127	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114322	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00104509	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00481092	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508958	mg/L	Pass

1,1,1-Trichloroethane

Current MDL	Current RL
0.00050391	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000503	0.001	mg/L	2	0.00300	0.0021581	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00080122	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00064653	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00455413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00432853	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093510	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00069473	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00479041	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461154	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120061	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119499	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521680	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00541103	mg/L	Pass

1,1,2,2-Tetrachloroethane

Current MDL	Current RL
0.00028366	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000283	0.001	mg/L	3.5	0.00294	0.0020718	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00103259	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00106053	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00517791	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00457282	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088538	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00090823	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461066	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114267	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113180	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00479936	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532665	mg/L	Pass

1,1,2-Trichloro-1,2,2-trifluoroethane

Current

MDL	RL
0.00036369	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000363	0.001	mg/L	2.7	0.00260	0.0022287	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094650	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00054626	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497738	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00429855	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00382102	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00409715	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00140824	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00109821	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508600	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00536825	mg/L	Pass

1,1,2-Trichloroethane

Current

MDL	RL
0.00022795	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000227	0.001	mg/L	4.4	0.00297	0.0021297	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00082146	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092550	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00510213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00476134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093113	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00083926	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00473722	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00107600	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00109868	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00493296	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531839	mg/L	Pass

1,1-Dichloroethane

Current

MDL	RL
0.00024445	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00308	0.0022207	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094836	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00081615	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00474604	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00477776	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00084341	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00074286	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00480423	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00488663	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00121219	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00129020	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00533678	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00553696	mg/L	Pass

1,1-Dichloroethene

Current

MDL	RL
0.00021635	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000216	0.001	mg/L	4.6	0.00306	0.0022609	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00083413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00090887	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00469039	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00410802	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00098879	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00066681	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00495484	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00514550	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00109488	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00105860	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00523586	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534575	mg/L	Pass

Analyte

1,1-Dichloropropene

Current

MDL	RL
0.00048095	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000480	0.001	mg/L	2.1	0.00306	0.0022498	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000865791	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000859846	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00482165	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004700319	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000901982	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000665617	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004716395	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.005018996	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001175709	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001173978	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00535292	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005529195	mg/L	Pass

1,2,3-Trichlorobenzene

Current

MDL	RL
0.002	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002	0.001	mg/L	.5	0.00215	0.0019808	8	N

MDLV used - 34734-27 1 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.004237715	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.004025139	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.006441434	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.006608015	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000181774	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000396209	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.003475695	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004074937	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.000748433	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.003969875	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004420637	mg/L	Pass

1,2,3-Trichloropropane

Current

MDL	RL
0.00028347	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000283	0.001	mg/L	3.5	0.00288	0.0020907	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101055	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00109955	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004958567	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00483377	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000756726	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084401	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00498130	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00466978	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00110491	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00103798	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00458461	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508864	mg/L	Pass

1,2,4-Trichlorobenzene

Current

MDL	RL
0.002	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002	0.001	mg/L	.5	0.00261	0.0018810	8	N

MDLV used - 34734-27 1 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00135621	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00135558	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00426298	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474418	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00140187	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00141668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00381090	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00453153	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00085376	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00417162	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00471113	mg/L	Pass

1,2,4-Trimethylbenzene

Current

MDL	RL
0.00025192	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000251	0.001	mg/L	4	0.00296	0.0020903	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00122509	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00102191	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00498705	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00493763	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089878	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086753	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00455276	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483779	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116375	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115264	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499011	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00525818	mg/L	Pass

1,2-Dibromo-3-Chloropropane

Current MDL	Current RL
0.00031924	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000319	0.005	mg/L	15.7	0.00242	0.0026429	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00100238	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088126	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00430281	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00427281	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00415854	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00423354	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00515598	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00583655	mg/L	Pass

1,2-Dichlorobenzene

Current MDL	Current RL
0.00023571	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000235	0.001	mg/L	4.2	0.00294	0.0021115	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00114915	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105770	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513302	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00473614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00081076	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081906	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00481947	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00492633	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114223	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00114504	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00475024	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00516945	mg/L	Pass

1,2-Dichloroethane

Current MDL	Current RL
0.00028518	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000285	0.001	mg/L	3.5	0.00294	0.0021424	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104771	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097297	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00462064	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000801190	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00076389	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00475570	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00456749	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00107617	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119535	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508271	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534153	mg/L	Pass	

1,2-Dichloroethene, Total

Current

MDL	RL
0.000174	0.00100

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
	0	mg/L		NaN	NA	0	N

MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

1,2-Dichloropropane

Current

MDL	RL
0.00039557	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000395	0.001	mg/L	2.5	0.00292	0.0021393	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00091881	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094139	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00496783	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00485866	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00072794	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00077100	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464649	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00463015	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00108534	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116008	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521056	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00515575	mg/L	Pass

Analyte

1,3,5-Trimethylbenzene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.0002786	0.001	0.000278	0.001	mg/L	3.6	0.00299	0.0021060	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104779	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100599	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00508333	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00486719	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090230	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084254	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00465559	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484660	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118806	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121913	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00495439	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00535995	mg/L	Pass

1,3-Dichlorobenzene

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00019655	0.001	0.000196	0.001	mg/L	5.1	0.00297	0.0021007	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00119320	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00123471	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00511213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00496413	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088492	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081074	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457850	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487770	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118689	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118222	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00498041	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00525859	mg/L	Pass

1,3-Dichloropropane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Pass
0.00043948	0.005	0.000439	0.001	mg/L	2.3	0.00291	0.0020640	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00107179	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092557	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00494097	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00457430	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083785	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000804510	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468620	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00452964	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122593	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00112423	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00484676	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00526409	mg/L	Pass	

1,3-Dichloropropene, Total

Current

MDL	RL
0.00075199	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000751	0.002	mg/L	2.7	0.00560	0.0040347	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00206	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00959	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00908	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001728	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001667	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00901	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00906	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001986	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00203	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00917	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01022	mg/L	Pass

1,4-Dichlorobenzene

Current

MDL	RL
0.00019872	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000198	0.001	mg/L	5	0.00296	0.0020689	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00131268	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00132408	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00509516	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00510477	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083944	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00094880	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457812	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00495698	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119391	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00117677	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00488154	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00515638	mg/L	Pass

1,4-Dioxane

Current MDL	Current RL
0.01045	0.10

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.01045	0.1	mg/L	9.6	0.05643	0.0628320	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01604252	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.01398215	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.09427495	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.09067826	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.10066669	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.08907000	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.11092836	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.15079830	mg/L	Pass

1-Chlorohexane

Current MDL	Current RL
0.00041504	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000415	0.001	mg/L	2.4	0.00300	0.0020179	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00137335	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00115001	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00492348	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00494288	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00121086	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00100820	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00453792	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00471163	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00124088	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00108966	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00486326	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00541375	mg/L	Pass

1-Methylnaphthalene

Current MDL	Current RL
0.0017921	0.01

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001792	0.001	mg/L	.6	0.00418	0.0029084	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00658134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00536860	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00851681	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00845878	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00373969	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00371083	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00657692	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00759325	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00547239	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00636850	mg/L	Pass

2,2-Dichloropropane

Current

MDL	RL
0.00035978	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000359	0.001	mg/L	2.8	0.00282	0.0021051	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00105270	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00062622	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00439236	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00433324	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00070117	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00060744	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00418762	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00421513	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00113754	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115764	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00521217	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00537035	mg/L	Pass

2-Butanone (MEK)

Current

MDL	RL
0.002701	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002701	0.005	mg/L	1.9	0.01580	0.0114009	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00449694	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00493660	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02493477	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02201985	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00469622	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00467370	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02643668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02430691	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00642481	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00534109	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.024425536	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.030138435	mg/L	Pass	

2-Chloro-1,3-butadiene

Current

MDL	RL
0.005	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.005	mg/L	1	0.00284	0.0024845	8	N

MDLV used - 34734-29 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000707584	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004745115	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004522667	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00479692	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004918926	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001097413	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001167026	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005287135	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005505713	mg/L	Pass

2-Chloroethyl vinyl ether

Current

MDL	RL
0.0004263	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000426	0.005	mg/L	11.7	0.00117	0.0021860	8	N

MDLV used - 35759-22 6 value(s) Not Reco
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004536987	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004898655	mg/L	Pass

2-Chlorotoluene

Current

MDL	RL
0.00021378	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000213	0.001	mg/L	4.7	0.00303	0.0020999	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001009734	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00103255	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.005197170	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00492144	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00094216	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00089889	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474623	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00499404	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122576	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123333	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00500910	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00521280	mg/L	Pass

2-Hexanone

Current

MDL	RL
0.00078917	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000789	0.005	mg/L	6.3	0.01503	0.0110148	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00448588	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00488201	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02552552	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02308959	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00461428	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00431976	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02529590	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02397240	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00536068	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00492344	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02387319	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02794909	mg/L	Pass

2-Methyl-2-propanol

Current

MDL	RL
0.0085412	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.008541	0.01	mg/L	1.2	0.02983	0.0277733	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01145454	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00734284	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05503991	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04546403	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00928136	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.01127021	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05739475	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04004208	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05229866	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.06835508	mg/L	Pass

2-Methylnaphthalene

Current

MDL	RL
0.0020532	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002053	0.001	mg/L	.5	0.00427	0.0029089	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00685395	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00585432	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00858614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.01008937	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00400949	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00380032	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00666855	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00728502	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00592078	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00648574	mg/L	Pass

2-Methyltetrahydrofuran

Current

MDL	RL
0.001661	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001661	0.005	mg/L	3	0.01566	0.0120925	4	N

MDLV used - 36177-32 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00518040	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00519995	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02633324	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02593301	mg/L	Pass

2-Methyltetrahydropyran

Current

MDL	RL
0.001744	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001744	0.005	mg/L	2.9	0.01585	0.0123473	4	N

MDLV used - 36177-32 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00533624	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00499681	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02684636	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02624816	mg/L	Pass

2-Nitropropane

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	1 value(s) Not Recovered MDLV:
0.0100	0.0100	0	0.002	mg/L		0	NA	1	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail

3-Chloro-1-propene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-29* 2 value(s) Not Reco MDLV: Pass
0.005	0.005	0.005	0.005	mg/L	1	0.00279	0.0025909	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00501286	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00515262	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00515632	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00525811	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00085982	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00069803	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00504354	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534944	mg/L	Pass

4-Chlorotoluene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Spike High
0.00018274	0.001	0.000182	0.001	mg/L	5.5	0.00304	0.0020733	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00120385	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00111885	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00518008	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00483291	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00103502	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00100977	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00471043	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475836	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120943	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00120629	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00510742	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532454	mg/L	Pass	

4-Ethyltoluene

Current

MDL	RL
0.00021532	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000215	0.001	mg/L	4.6	0.00302	0.0021087	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00113300	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00107214	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513254	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00489595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096926	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084173	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00469772	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00492959	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118269	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123339	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00506551	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00524838	mg/L	Pass

4-Isopropyltoluene

Current

MDL	RL
0.00023286	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000232	0.001	mg/L	4.3	0.00290	0.0020705	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00109547	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100404	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00491771	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00486429	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00081681	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00078820	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464190	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00461971	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116111	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116082	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00490330	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00517088	mg/L	Pass

4-Methyl-2-pentanone (MIBK)

Current

MDL	RL
0.0010643	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001064	0.005	mg/L	4.7	0.01527	0.0110403	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00480595	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00492910	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02467785	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02355625	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00417350	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00428389	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02551213	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02379873	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00584305	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00580611	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02468321	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02810400	mg/L	Pass	

Acetone

Current

MDL	RL
0.012313	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.012313	0.005	mg/L	.4	0.01586	0.0118452	8	N

MDLV used - 34734-27 1 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00564625	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00679950	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02423927	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02423666	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00724307	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00657847	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02597400	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02422803	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00645442	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02671348	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02970358	mg/L	Pass

Acetonitrile

Current

MDL	RL
0.013258	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.013258	0.01	mg/L	.8	0.03079	0.0257138	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05012865	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.05152629	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05156329	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.05258111	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01281577	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.017065775	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05261196	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.05974468	mg/L	Pass

Acrolein

Current MDL	Current RL
0.0051539	0.05

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005153	0.005	mg/L	1	0.01419	0.0108446	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.023778844	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.022882723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.003344135	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.003778903	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.025135575	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02498004	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00437358	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.005052585	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.021237744	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.025655806	mg/L	Pass

Acrylonitrile

Current MDL	Current RL
0.0059888	0.05

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005988	0.01	mg/L	1.7	0.03131	0.0225096	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.008265606	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.009746853	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04941019	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.045147763	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.009391285	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.009280845	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.051273016	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.049762226	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01154286	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.011286703	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.050790996	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.057211314	mg/L	Pass

Benzene

Current MDL	Current RL
0.00021437	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000214	0.001	mg/L	4.7	0.00308	0.0021792	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001024357	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.000853447	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00479416	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00477406	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089784	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00085804	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00478965	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00496294	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118802	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00128962	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00536677	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00532991	mg/L	Pass

Benzyl chloride

Current

MDL	RL
0.00100	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0	0.001	mg/L		0	0	4	N

4 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Bromobenzene

Current

MDL	RL
0.0003	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0003	0.001	mg/L	3.3	0.00298	0.0021007	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00121994	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00106715	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00504685	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00506226	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086717	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086154	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00475162	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00481599	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00116111	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123802	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00498202	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00523423	mg/L	Pass

Analyte

Bromoform

Current MDL	Current RL
0.00063025	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000630	0.001	mg/L	1.6	0.00292	0.0019023	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000899277	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00096638	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004802908	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00462226	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00082877	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00065951	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457635	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00442670	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00157779	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00165428	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00476332	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00492872	mg/L	Pass

Bromomethane

Current MDL	Current RL
0.0010539	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001053	0.001	mg/L	.9	0.00379	0.0027095	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001422888	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001195938	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004861946	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.005762054	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001315625	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001070453	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.005341877	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.006238833	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001197407	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001629645	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.006729567	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.006862195	mg/L	Pass

Butadiene

Current MDL	Current RL
0.00029917	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000299	0.001	mg/L	3.3	0.00289	0.0021136	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001180609	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001159809	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004531607	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00445842	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.001047899	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001009660	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.005303880	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.005189277	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.000717742	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.000970757	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004533797	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.004348005	mg/L	Pass	

Carbon disulfide

Current

MDL	RL
0.00037337	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000373	0.001	mg/L	2.7	0.00305	0.0021777	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001179415	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001034746	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00491755	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004791844	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000930227	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000795605	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004822285	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004974027	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001168143	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001236633	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005086506	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005459211	mg/L	Pass

Carbon tetrachloride

Current

MDL	RL
0.00042296	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000422	0.001	mg/L	2.4	0.00294	0.0022135	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004742256	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004885724	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000820133	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000611675	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004942742	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004859584	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001073917	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001027722	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004948357	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00528866	mg/L	Pass

Chlorobenzene

Current MDL	Current RL
0.00015905	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000159	0.001	mg/L	6.3	0.00300	0.0020887	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00188274	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00178829	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00580323	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00535282	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00095159	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086723	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00476912	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00473618	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118213	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123013	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499933	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00528423	mg/L	Pass

Chlorobromomethane

Current MDL	Current RL
0.00020908	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000209	0.001	mg/L	4.8	0.00291	0.0022242	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106493	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00101942	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00475144	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00494740	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00073224	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00051493	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00470402	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00489971	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00109451	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00103497	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00500016	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531689	mg/L	Pass

Chlorodibromomethane

Current MDL	Current RL
0.00073938	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000739	0.001	mg/L	1.4	0.00277	0.0020613	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094678	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00097536	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00483825	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463060	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00072549	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070610	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468723	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00455284	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00097146	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00098812	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00458589	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00494799	mg/L	Pass	

Chloroethane

Current

MDL	RL
0.00043272	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000432	0.001	mg/L	2.3	0.00280	0.0023615	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00138362	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00063557	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00504634	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00425101	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00150407	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00121099	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00561931	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00517209	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00455650	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00437937	mg/L	Pass

Chloroform

Current

MDL	RL
0.00025852	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000258	0.001	mg/L	3.9	0.00312	0.0022214	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00088406	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100680	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00472523	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00464417	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096733	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084801	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00472081	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00493090	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00121382	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00124268	mg/L	Pass

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00536042	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00571382	mg/L	Pass

Chloromethane

Current MDL	Current RL
0.0003177	0.01

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000317	0.001	mg/L	3.1	0.00287	0.0019934	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101734	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00083031	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00449659	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00435698	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00098463	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00092354	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00462796	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475532	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.00079063	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.00077943	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00089351	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123459	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00475208	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00479475	mg/L	Pass

cis-1,2-Dichloroethene

Current MDL	Current RL
0.000174	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000174	0.001	mg/L	5.7	0.00303	0.0021870	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097311	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00090302	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00464373	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00452143	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083463	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00073592	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00470978	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483355	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00121074	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00125718	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00533982	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00538336	mg/L	Pass

cis-1,3-Dichloropropene

Current MDL	Current RL
0.00068995	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000689	0.001	mg/L	1.4	0.00285	0.0020634	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00099198	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00100747	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00482989	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00459059	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089299	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00079984	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00456850	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465616	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00099006	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00102869	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00474780	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00512573	mg/L	Pass	

Cyclohexane

Current

MDL	RL
0.00047374	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000473	0.001	mg/L	2.1	0.00254	0.0022606	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00087738	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00052884	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00527624	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00472495	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00393989	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00425731	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112733	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00084129	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00492041	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00526278	mg/L	Pass

Cyclohexanone

Current

MDL	RL
0.00125	0.0500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00125	0.05	mg/L	40	0.14191	0.1231419	4	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.039077118	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.043934418	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.254894508	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.224492777	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.038948687	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.031729644	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.252645195	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.244324955	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

Dibromomethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00013007	0.001	0.000130	0.001	mg/L	7.7	0.00297	0.0022178	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00121509	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00137882	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00513826	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00485564	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00078385	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00063762	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00493172	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487889	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119799	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00102827	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00512505	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00524310	mg/L	Pass

Dichlorobromomethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00023086	0.001	0.000230	0.001	mg/L	4.3	0.00290	0.0020278	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00100400	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088174	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00486285	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00492353	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00094007	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00093505	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00457029	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00464031	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00105306	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113155	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00495829	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00501876	mg/L	Pass

Dichlorodifluoromethane

Current		Calculations								*MDLV used - 34734-27* All values recovere
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV: Spike High
0.00031564	0.001	0.000315	0.001	mg/L	3.2	0.00226	0.0017698	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00104863	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00089004	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00426580	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00393779	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00033953	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00068291	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00396099	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00294682	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00064632	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00098375	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00444685	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00409579	mg/L	Pass

Dicyclopentadiene

Current

MDL	RL
0.00058141	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000581	0.001	mg/L	1.7	0.00302	0.0021440	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097602	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084952	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00503505	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00510192	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00086314	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00076978	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468846	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00487489	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00124183	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00126324	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00520150	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00530725	mg/L	Pass

Ethyl acetate

Current

MDL	RL
0.00100	0.00200

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00100	0.002	mg/L	2	0.00296	0.0044854	8	N

MDLV used - 34734-27 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00149984	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00185617	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00944022	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00878609	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00164870	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00183068	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01056918	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00966014	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Ethyl ether

Current MDL	Current RL
0.1	0.1

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.1	0.005	mg/L	.1	0.00269	0.0023282	4	N

MDLV used - 34734-29 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00128586	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00113765	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00462809	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463118	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00064897	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00071865	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00473555	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00469654	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Ethyl methacrylate

Current MDL	Current RL
0.00016720	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000167	0.001	mg/L	6	0.00286	0.0020103	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00093620	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094610	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00478815	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00455133	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00104278	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00102993	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00464329	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00470149	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00094732	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00094485	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00465275	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00498806	mg/L	Pass

Ethylbenzene

Current MDL	Current RL
0.00051456	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000514	0.001	mg/L	1.9	0.00304	0.0021409	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00102459	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085671	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00494063	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00481964	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00092984	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086406	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00487235	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00490300	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.001186437	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001226226	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.005073766	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005322516	mg/L	Pass	

Ethylene Dibromide

Current		Calculations									
		Ver	Spike		Spike			Std		Edit	
MDL	RL	MDL	amount	Units	/ MDL	Mean		Dev	Reps	Limts?	
0.00033668	0.005	0.000336	0.001	mg/L	3	0.00289		0.0021073	8	N	

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000959345	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001165936	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.004978655	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.004655877	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.000867798	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.000730666	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.004670705	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.004594025	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.000997894	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.001124786	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.004944997	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.005200245	mg/L	Pass

Ethylene oxide

Current		Calculations									
		Ver	Spike		Spike			Std		Edit	
MDL	RL	MDL	amount	Units	/ MDL	Mean		Dev	Reps	Limts?	
0.0250	0.05	0	0.005	mg/L		0		0	4	N	

4 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Hexachlorobutadiene

Current		Calculations									
		Ver	Spike		Spike			Std		Edit	
MDL	RL	MDL	amount	Units	/ MDL	Mean		Dev	Reps	Limts?	
0.002	0.005	0.002	0.001	mg/L	.5	0.00239		0.0022857	8	N	

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.001427165	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00140931	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00522487	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00532929	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00060793	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00047153	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00412176	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00478058	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00460448	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00455189	mg/L	Pass

Hexane

Current

MDL	RL
0.00036907	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000369	0.001	mg/L	2.7	0.00269	0.0017877	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00386813	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00420000	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00147018	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00113893	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00360629	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00389552	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00100056	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00070771	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00467682	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00502529	mg/L	Pass

Iodomethane

Current

MDL	RL
0.001863	0.02

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001863	0.001	mg/L	.5	0.00430	0.0030318	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00361194	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00345159	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00611304	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00623979	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00363657	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00359822	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00625157	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00615425	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00722427	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00756111	mg/L	Pass	

Isobutyl alcohol

Current

MDL	RL
0.01681	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.01681	0.025	mg/L	1.5	0.07363	0.0655066	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.01574423	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.12389285	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.10526366	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.13851113	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.11634775	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.02886771	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.02746472	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.12332169	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.15460255	mg/L	Pass

Isooctane

Current

MDL	RL
0.005	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.005	mg/L	1	0.00230	0.0018862	4	N

MDLV used - 34734-29 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00084633	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00091560	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00417488	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00451086	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00064775	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070399	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00415124	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00370326	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Isopropyl alcohol

Current

MDL	RL
0.005	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.00736	0.0158853	8	N

MDLV used - 34734-27 5 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00954998	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00986463	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04921480	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04398431	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00938208	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00781868	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	-0.00342816	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04516279	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Isopropyl ether

Current

MDL	RL
0.00039136	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000391	0.001	mg/L	2.6	0.00302	0.0021694	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00091475	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094601	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00480994	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00463283	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090666	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084235	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483879	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00479798	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112894	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00116074	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00524578	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531803	mg/L	Pass

Isopropylbenzene

Current

MDL	RL
0.00016065	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000160	0.001	mg/L	6.2	0.00299	0.0021563	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00097359	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084098	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00470247	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00087833	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00077029	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00484629	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484106	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114975	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115208	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00499666	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533491	mg/L	Pass

Methacrylonitrile

Current

MDL	RL
0.005	0.010

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.03079	0.0220236	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00868419	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00972962	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.04799928	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.04654163	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00898804	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00864416	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.04860812	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04856895	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01183374	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.01197693	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05087273	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.05685449	mg/L	Pass

Methyl acetate

Current

MDL	RL
0.00397	0.02

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.00397	0.002	mg/L	.5	0.00626	0.0045550	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00924897	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00844490	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00145189	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00186283	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01016114	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00964303	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00226441	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00258931	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01054319	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01158352	mg/L	Pass

Methyl acrylate

Current

MDL	RL
0.1	0.1

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
	0	mg/L		NaN	NA	0	N

MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Methyl methacrylate

Current

MDL	RL
0.005	0.010

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.005	0.01	mg/L	2	0.00275	0.0045890	8	N

MDLV used - 34734-29 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00962599	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00964256	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01007625	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00933850	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	-0.00250174	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00260645	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00254199	mg/L	Pass

Methyl tert-butyl ether

Current

MDL	RL
0.00057051	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000570	0.001	mg/L	1.8	0.00297	0.0021513	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00112132	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105250	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00475176	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00477227	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00080144	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00075585	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468668	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00454724	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00117098	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00122405	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00508440	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00553951	mg/L	Pass

Analyte

Methylcyclohexane

Current MDL	Current RL
0.00024492	0.01

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00257	0.0018787	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00096062	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00069455	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00447178	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00471988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00078379	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00069393	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00402361	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00383903	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00103448	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00087117	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00460540	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00478078	mg/L	Pass

Methylene Chloride

Current MDL	Current RL
0.0019125	0.005

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001912	0.001	mg/L	.5	0.00276	0.0023540	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00396787	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00440503	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00452371	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00449293	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00125247	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00123496	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00526936	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00531856	mg/L	Pass

m-Xylene & p-Xylene

Current MDL	Current RL
0.00032971	0.01

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000329	0.001	mg/L	3	0.00305	0.0021493	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00105011	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00093862	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00489614	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00478764	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093422	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00090383	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00496754	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00488159	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00117808	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00120520	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00507201	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533673	mg/L	Pass

Naphthalene

Current

MDL	RL
0.002	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.002	0.001	mg/L	.5	0.00318	0.0022254	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00424218	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00423065	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00649146	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00672471	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00305179	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00304892	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00535634	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00600374	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00361064	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00441115	mg/L	Pass

n-Butanol

Current

MDL	RL
0.0125	50

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0125	0.0252	mg/L	2	0.03758	0.0540090	8	N

MDLV used - 34734-27 4 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.01674588	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.02376111	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.12343134	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.10794611	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.02836797	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.02687662	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.12886841	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.11655346	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail

n-Butylbenzene

Current MDL	Current RL
0.00028604	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000286	0.001	mg/L	3.5	0.00285	0.0020128	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00123125	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00119231	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00471622	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00478962	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00091520	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00088169	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424882	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00463717	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00105471	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00110490	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00482057	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00518267	mg/L	Pass

N-Propylbenzene

Current MDL	Current RL
0.00017893	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000178	0.001	mg/L	5.6	0.00298	0.0020843	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00108605	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092241	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00499921	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00487306	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00093582	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00088475	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00471742	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00458933	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00120519	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118765	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00509948	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00529937	mg/L	Pass

o-Xylene

Current MDL	Current RL
0.00019156	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000191	0.001	mg/L	5.2	0.00300	0.0021247	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110137	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00095597	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00497673	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00474878	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00090588	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084525	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00472669	mg/L	Pass	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00483182	mg/L	Pass	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00118274	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00118213	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00504058	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00533768	mg/L	Pass	

Propanol

Current

MDL	RL
1	5

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
	0	mg/L		NaN	NA	0	N

MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Propene

Current

MDL	RL
0.0003821	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000382	0.001	mg/L	2.6	0.00206	0.0020510	8	N

MDLV used - 35759-20 2 value(s) Not Reco
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00411240	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00389572	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424456	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00364770	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00036027	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00026040	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00378083	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00419965	mg/L	Pass

Analyte

Propene oxide

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.0125	0.0500		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Propionitrile

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Pass
0.005	0.010	0.005	0.01	mg/L	2	0.03216	0.0235672	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00904427	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00962723	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.05192401	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.05063592	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00899555	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00858343	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.05171592	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.04982797	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.01195965	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.01203137	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.05256524	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.06167733	mg/L	Pass

sec-Butyl Alcohol

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.001	0.001		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		

sec-Butylbenzene

Current

MDL	RL
0.00019878	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000198	0.001	mg/L	5	0.00299	0.0021410	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0011075	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0009567	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0050611	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0049333	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00089260	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0008169	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0047771	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0048520	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0011545	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0011324	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0050432	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0052860	mg/L	Pass

Styrene

Current

MDL	RL
0.0006231	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000623	0.001	mg/L	1.6	0.00285	0.0020395	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0010749	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0010431	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0048142	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0048280	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083767	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0008067	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00454958	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0046730	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0010626	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0010878	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0047382	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00504447	mg/L	Pass

t-Amyl alcohol

Current

MDL	RL
0.0125	0.05

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0	0.01	mg/L		0	0	8	N

8 value(s) Not Recovered
MDLV:

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail	

Tert-amyl methyl ether

Current

MDL	RL
0.00031102	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000311(	0.001	mg/L	3.2	0.00299	0.0020227	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00094294(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00093549:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00487794:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00446717(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00118546:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00087582-	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00481639:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465466:	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.00053421'	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.00053975'	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00112198(	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00125708(	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00491176-	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00513988'	mg/L	Pass

Tert-butyl ethyl ether

Current

MDL	RL
0.00044953	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000449	0.001	mg/L	2.2	0.00300	0.0021386	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101114(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085990(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00490703:	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00456073-	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083636-	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00080952:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00468590:	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00459981'	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00122506	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00124983	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00523973	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00543012	mg/L	Pass

tert-Butylbenzene

Current

MDL	RL
0.00019496	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000194	0.001	mg/L	5.1	0.00300	0.0021104	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110236	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00089618	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00501386	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00480388	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00088903	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00084183	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00474498	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00484558	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00119137	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121280	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00507132	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00520418	mg/L	Pass

Tetrachloroethene

Current

MDL	RL
0.0005	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0005	0.001	mg/L	2	0.00294	0.0022015	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00098799	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00088106	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00509455	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00496217	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083446	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00053619	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00483005	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00465955	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00103538	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00119359	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00510985	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00534852	mg/L	Pass

Tetrahydrofuran

Current

MDL	RL
0.00050255	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000502	0.002	mg/L	4	0.00727	0.0045177	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00248727	mg/L	

Analyte

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00225542	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00905795	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00950288	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00249786	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00231959	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01022273	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00945181	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00411757	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00408351	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01190390	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01363761	mg/L	Pass

Tetrahydropyran

Current

MDL	RL
0.001789	0.00500

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001789	0.005	mg/L	2.8	0.01697	0.0126328	4	N

MDLV used - 36177-32 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.00564597	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.00650960	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.02666308	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.02910087	mg/L	Pass

Toluene

Current

MDL	RL
0.0005	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.0005	0.001	mg/L	2	0.00302	0.0021200	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106168	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00092331	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00487660	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00472783	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00091859	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00081050	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00482311	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00475646	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00126272	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121149	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00517635	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00523132	mg/L	Pass		

Total BTEX

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	MDLV:
0.00021437	0.01		0	mg/L		NaN	NA	0	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00526213	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00452808	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02448428	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02385798	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00458641	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00428169	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02417936	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02433583	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	

trans-1,2-Dichloroethene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Spike High
0.000256	0.001	0.000256	0.001	mg/L	3.9	0.00304	0.0022063	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00110838	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00101202	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00498996	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00464434	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00096191	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00079166	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00462002	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00455788	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00114146	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00113663	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00548408	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00562878	mg/L	Pass

trans-1,3-Dichloropropene

Current		Calculations								
MDL	RL	Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?	*MDLV used - 34734-27* All values recovere MDLV: Pass
0.00075199	0.005	0.000751	0.001	mg/L	1.3	0.00275	0.0019698	8	N	

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00099649	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00105090	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00476175	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00448790	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083531	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00086650	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00443833	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00439734	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L		
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00099615	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00100326	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00441936	mg/L	Pass	
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00508903	mg/L	Pass	

trans-1,4-Dichloro-2-butene

Current

MDL	RL
0.0019403	0.01

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.001940	0.001	mg/L	.5	0.00222	0.0020980	8	N

MDLV used - 34734-27 2 value(s) Not Reco
MDLV: Spike Low

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00106749	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00084072	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00441239	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00479984	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00047582	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00065906	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00424803	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00414994	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.0	mg/L	Fail
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00365785	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00458051	mg/L	Pass

Trichloroethene

Current

MDL	RL
0.00042388	0.005

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000423	0.001	mg/L	2.4	0.00305	0.0022396	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00101625	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00085837	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00499020	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00489788	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00083689	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00074702	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00490623	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00504137	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00108229	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00121489	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00512114	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00549377	mg/L	Pass

Analyte

Trichlorofluoromethane

Current MDL	Current RL
0.00024486	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000244	0.001	mg/L	4.1	0.00261	0.0019839	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.000929131	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00094329(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00427346	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00445165(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00054871	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00070345(	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00450218(	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00411027	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.000715896	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00109956	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00472053	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00448428	mg/L	Pass

Trihalomethanes, Total

Current MDL	Current RL
0.00020908	0.001

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000209	0.004	mg/L	19.1	0.01154	0.0084091	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00373	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.003833	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.01923	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.01881	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.002736	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.002443	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.01856	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.01855	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.004811	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.005008	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01967	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02061	mg/L	Pass

Vinyl acetate

Current MDL	Current RL
0.0035697	0.02

Calculations Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.003569	0.005	mg/L	1.4	0.01497	0.0107429	8	N

MDLV used - 34734-27 All values recovere
MDLV: Pass

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00471391	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00467710(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.02402470(	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.02308109	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00430837	mg/L	Pass

Analyte

860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00401576	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.02345600	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.02294625	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00582983	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00603690	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.02515456	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.02806646	mg/L	Pass

Vinyl chloride

Current

MDL	RL
0.00023361	0.002

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000233	0.001	mg/L	4.3	0.00280	0.0020769	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00085704	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.00078665	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00472327	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00451934	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00079154	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.00075068	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.00496618	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00486418	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00076653	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00115768	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.00463359	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.00447760	mg/L	Pass

Xylenes, Total

Current

MDL	RL
0.00032971	0.001

Calculations

Ver MDL	Spike amount	Units	Spike / MDL	Mean	Std Dev	Reps	Edit Limts?
0.000329	0.002	mg/L	6.1	0.00606	0.0042740	8	N

MDLV used - 34734-27 All values recovere
MDLV: Spike High

Lab ID	Anal Date	Batch	Samp	Analyst	Method	Prep Method	Equipment	Result	Units	Detected?
860-13818-A-1 MDLV	12/17/2021	34592	19	Dang, Tram T	8260C	No Prep	A325	0.00215	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	20	Dang, Tram T	8260C	No Prep	A325	0.001895	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	21	Dang, Tram T	8260C	No Prep	A325	0.00988	mg/L	
860-13818-A-1 MDLV	12/17/2021	34592	22	Dang, Tram T	8260C	No Prep	A325	0.00954	mg/L	
860-13818-A-1 MDLV	12/17/2021	34734	27	Dang, Tram T	8260C	No Prep	A325	0.00184	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	28	Dang, Tram T	8260C	No Prep	A325	0.001749	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	29	Dang, Tram T	8260C	No Prep	A325	0.0097	mg/L	Pass
860-13818-A-1 MDLV	12/17/2021	34734	30	Dang, Tram T	8260C	No Prep	A325	0.00971	mg/L	Pass
860-13818-A-1 MDLV	12/18/2021	36177	32	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	33	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	34	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/18/2021	36177	35	Dang, Tram T	8260C	No Prep	A325	0.0	mg/L	
860-13818-A-1 MDLV	12/28/2021	35759	20	Mikhail, Ezabel	8260C	No Prep	A294	0.00236	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	21	Mikhail, Ezabel	8260C	No Prep	A294	0.00239	mg/L	Pass
860-13818-A-1 MDLV	12/28/2021	35759	22	Mikhail, Ezabel	8260C	No Prep	A294	0.01011	mg/L	Pass

Analyte										
860-13818-A-1 MDLV	12/28/2021	35759	23	Mikhail, Ezabel	8260C	No Prep	A294	0.01068	mg/L	Pass

Detected? Pass = result was detected ; Fail = result < = 0 . If MDLV is < MDL , verify Detection or S/N ratio
MDLV: Pass = meets Spike/MDL ratio , Spike High =Spike/MDL > ratio , Spike Low = Spike < MDL
Spike/MDL ratio = 3.00

Eurofins Houston
4147 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

860-40277 Chain of Custody

eurofins | Environment Testing America

1/4/2023

Client Information	Sampler:	Lab PM: McDaniel, Bethany A	C No:
Client Contact: John Ynfante	Phone:	E-Mail: Bethany.McDaniel@et.eurofinsus.com	State of Origin:
Company: Jacobs Engineering Group, Inc.	PWSID:		Page: Page 1 of 1
Address: 14701 St. Mary's Lane Suite 300	Due Date Requested:		Job #:
City: Houston	TAT Requested (days): 48-HR RUSH TAT		
State, Zip: TX, 77079	Compliance Project: Δ Yes Δ No		
Phone: 281-414-1719(Tel)	PO #: D3662229.C.CS.TPE.SIL.23-05-02		
Email: John.Ynfante@jacobs.com	WO #: D3662229.C.CS.TPE.SIL.23-05-02		
Project Name: STC Silber Rd Annual GW	Project #: 86002024		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C (MOD) VOCs Custom List(7)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
TB01-01032023	1/3/23	0900	—	Water			X	2	Rush 48 hr TAT
MW77-01032023	1/3/23	1035	G	Water			X	3	Rush 48 hr TAT
MW180-01032023	1/3/23	1135	G	Water			X	3	Rush 48 hr TAT
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					
				Water					

IR ID:HOU-343
Temp: 12.6
C/F:+0.3
Corrected Temp: 12.9

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) TRRP

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 1/3/23 1233	Company Jacobs	Received by:	Date/Time: 1/3/23 1233	Company Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Jacobs Engineering Group, Inc.

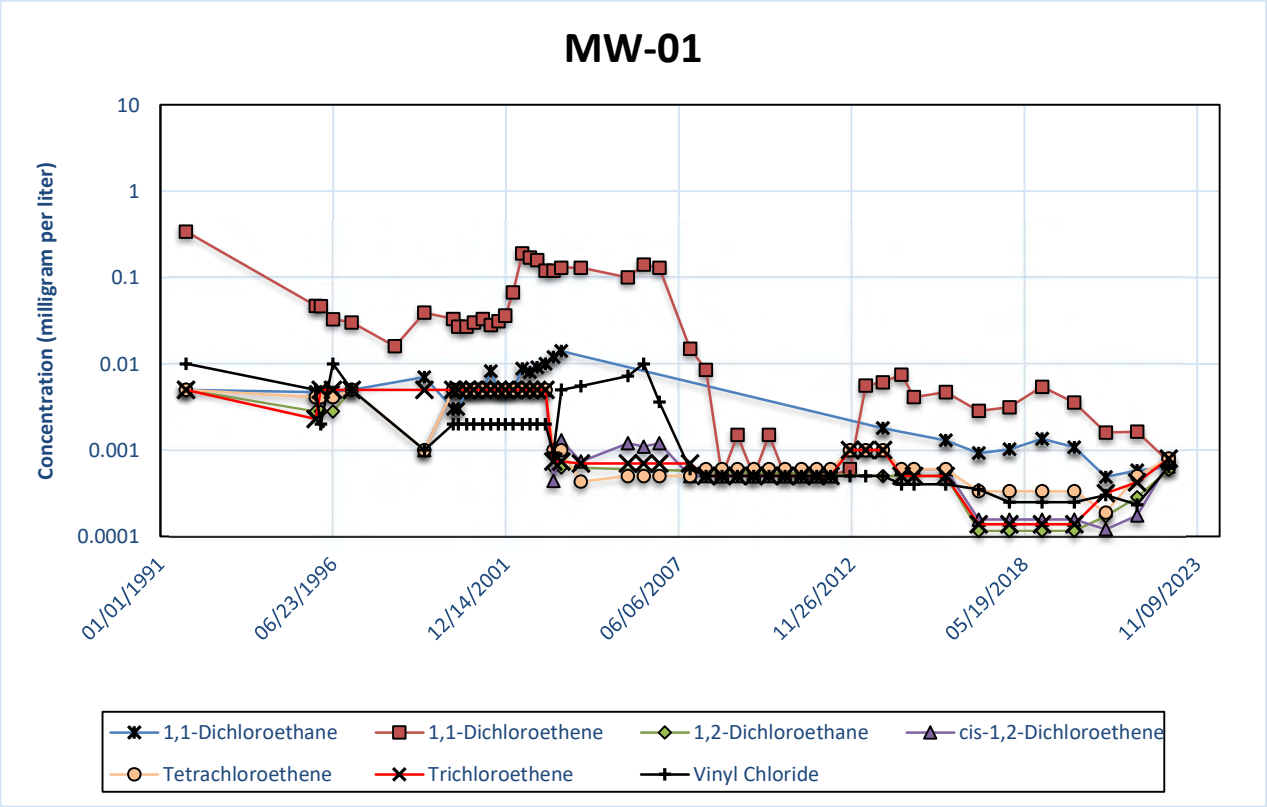
Job Number: 860-40277-1

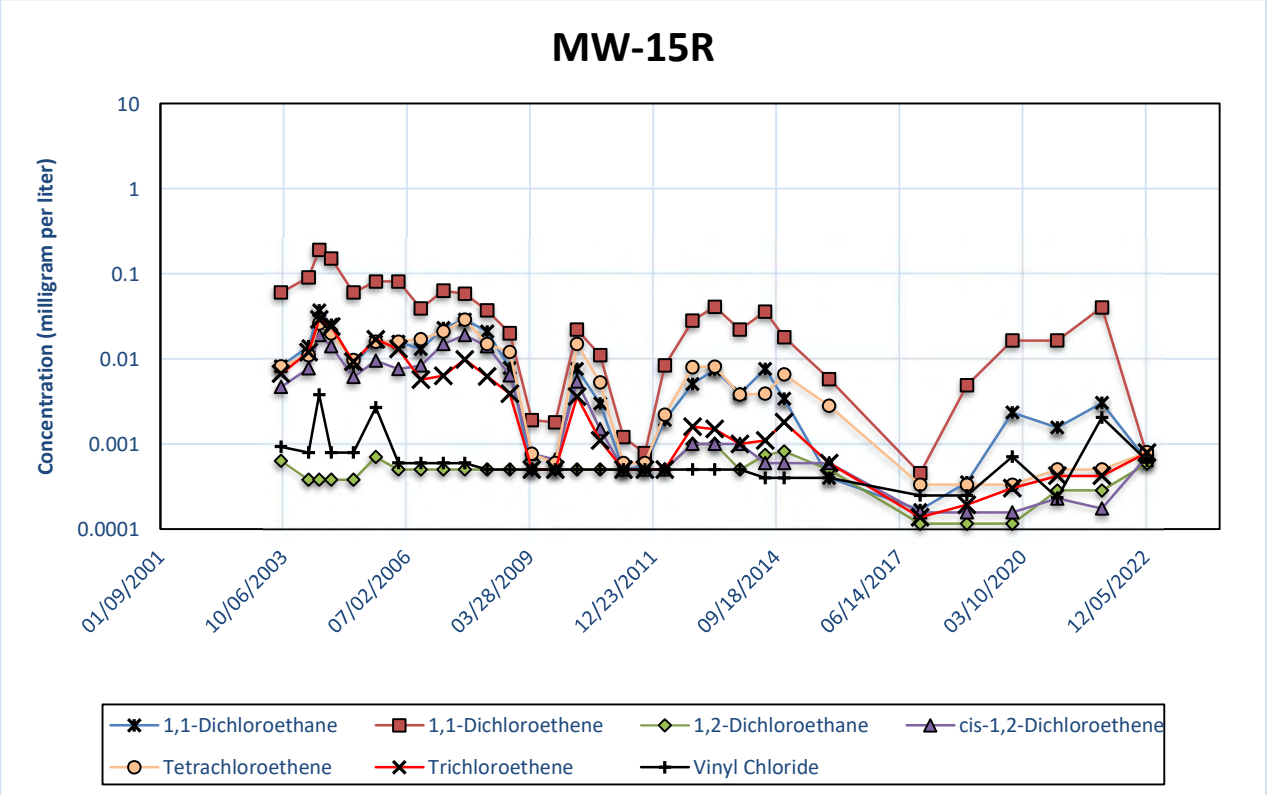
Login Number: 40277
List Number: 1
Creator: Torres, Sandra

List Source: Eurofins Houston

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Received same day of collection; chilling process has begun.
Cooler Temperature is recorded.	True	12.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

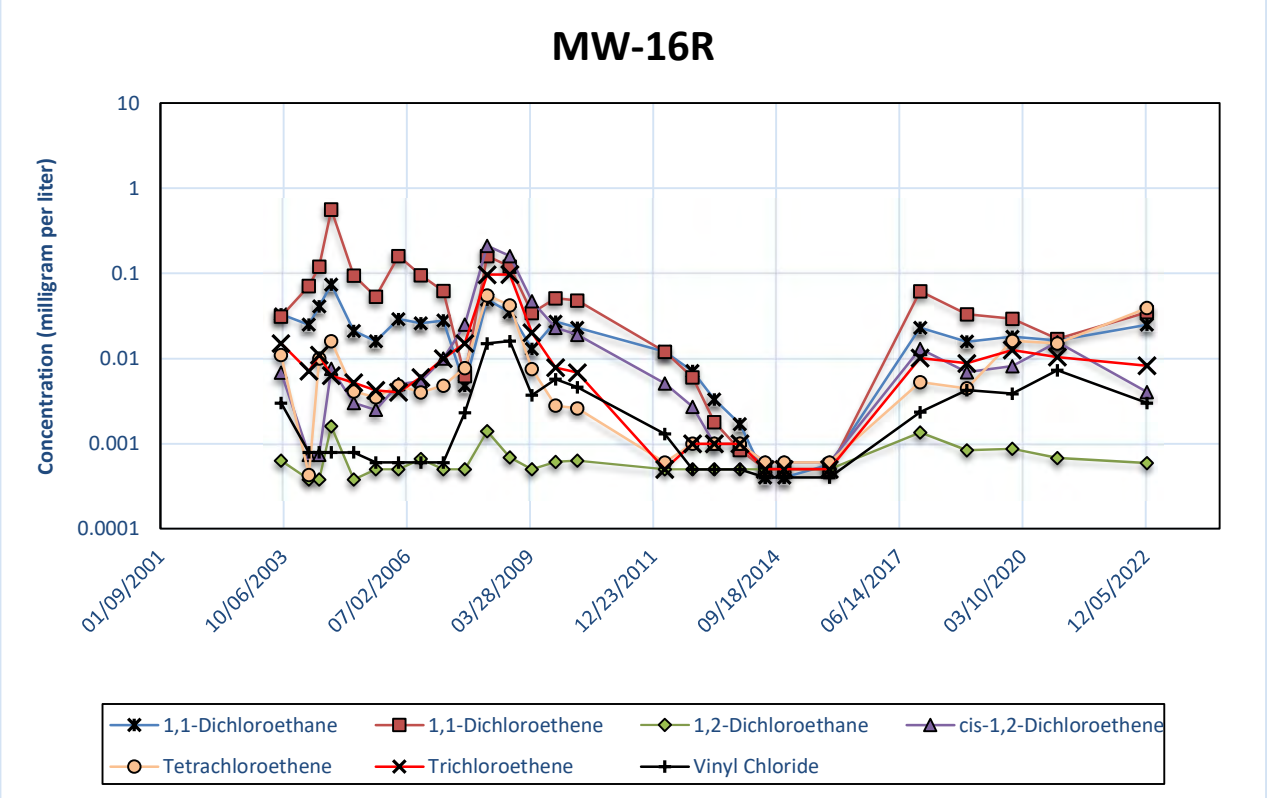
Appendix D
Concentration versus Time Graphs

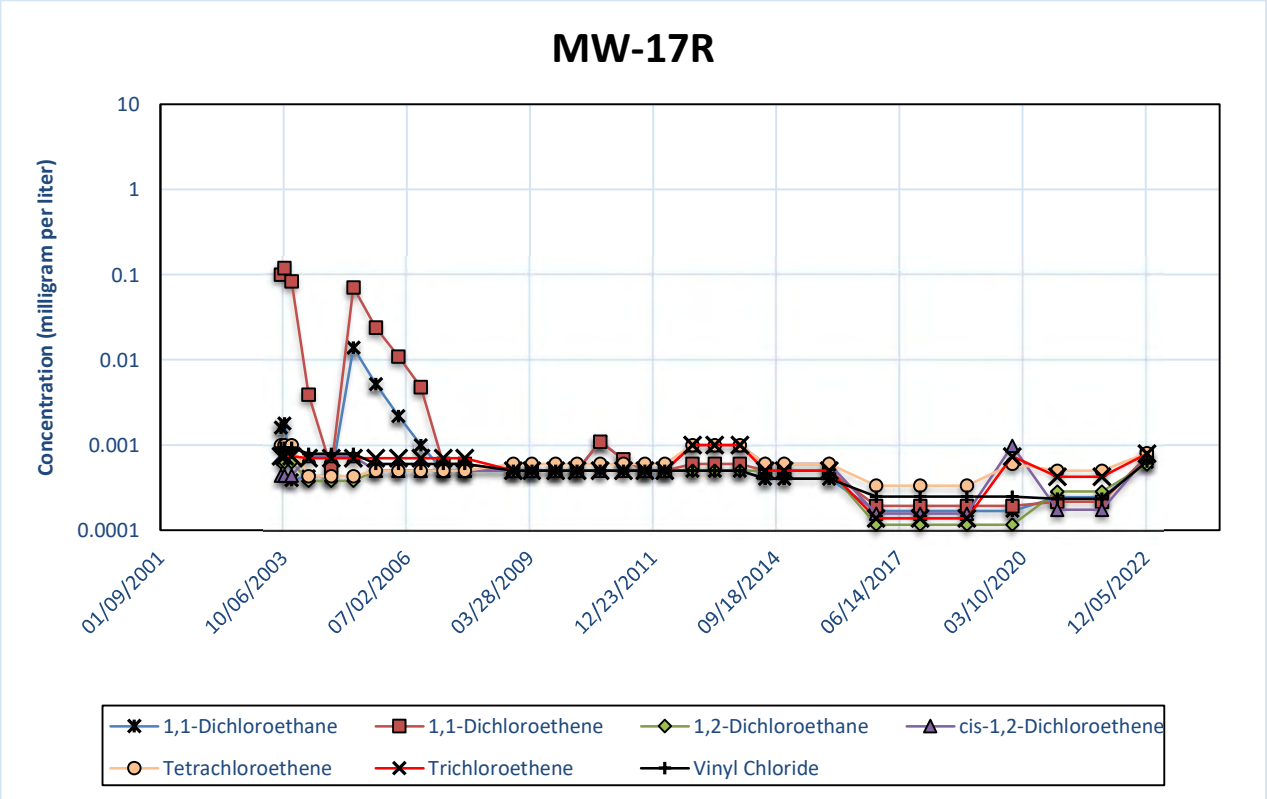




Appendix D.
Concentration versus Time Graphs
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

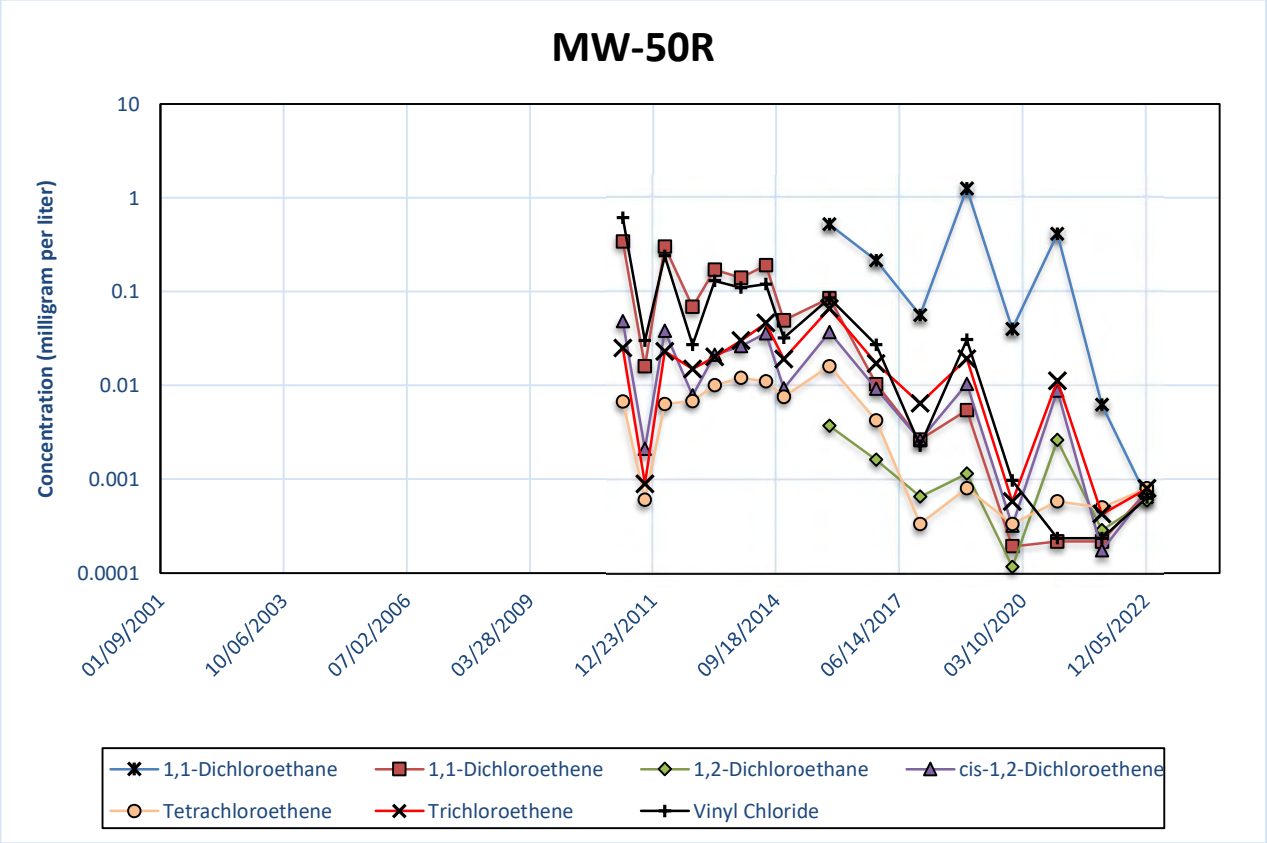
CH2M HILL Engineers, Inc.

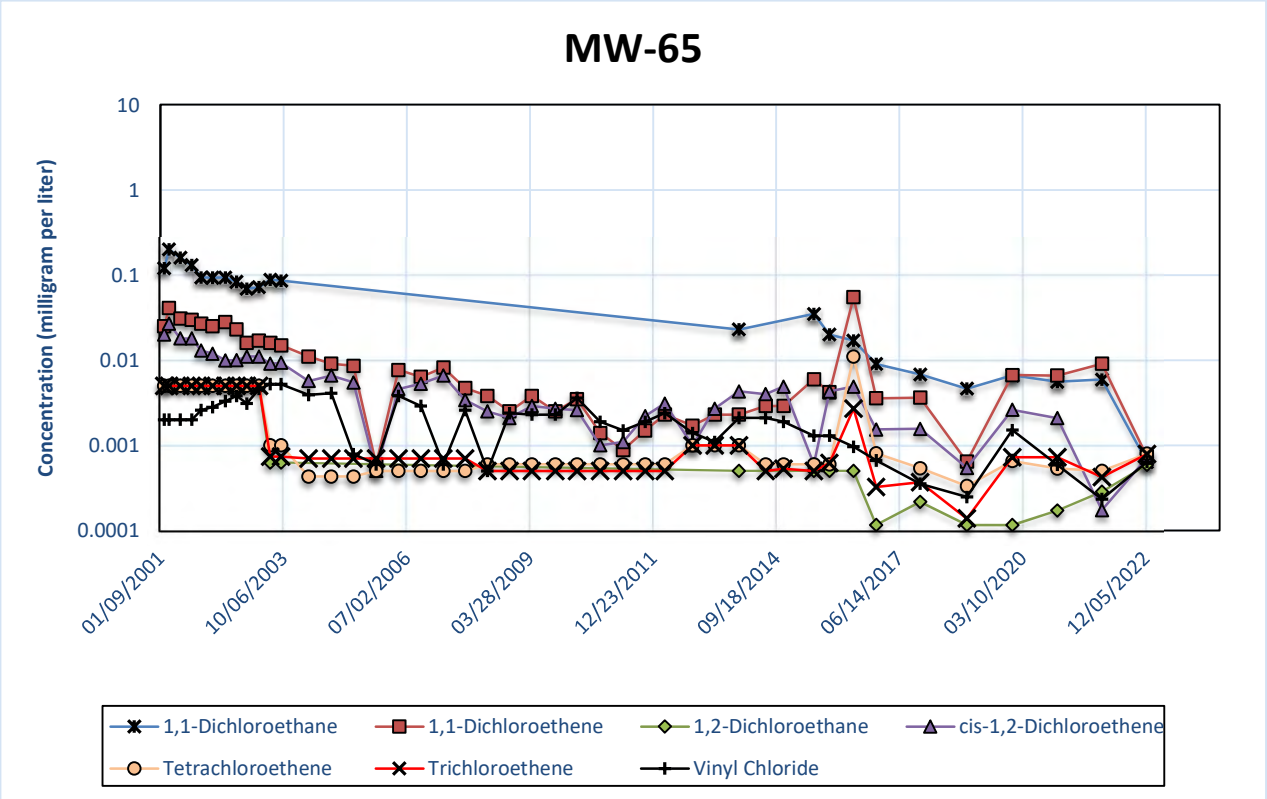


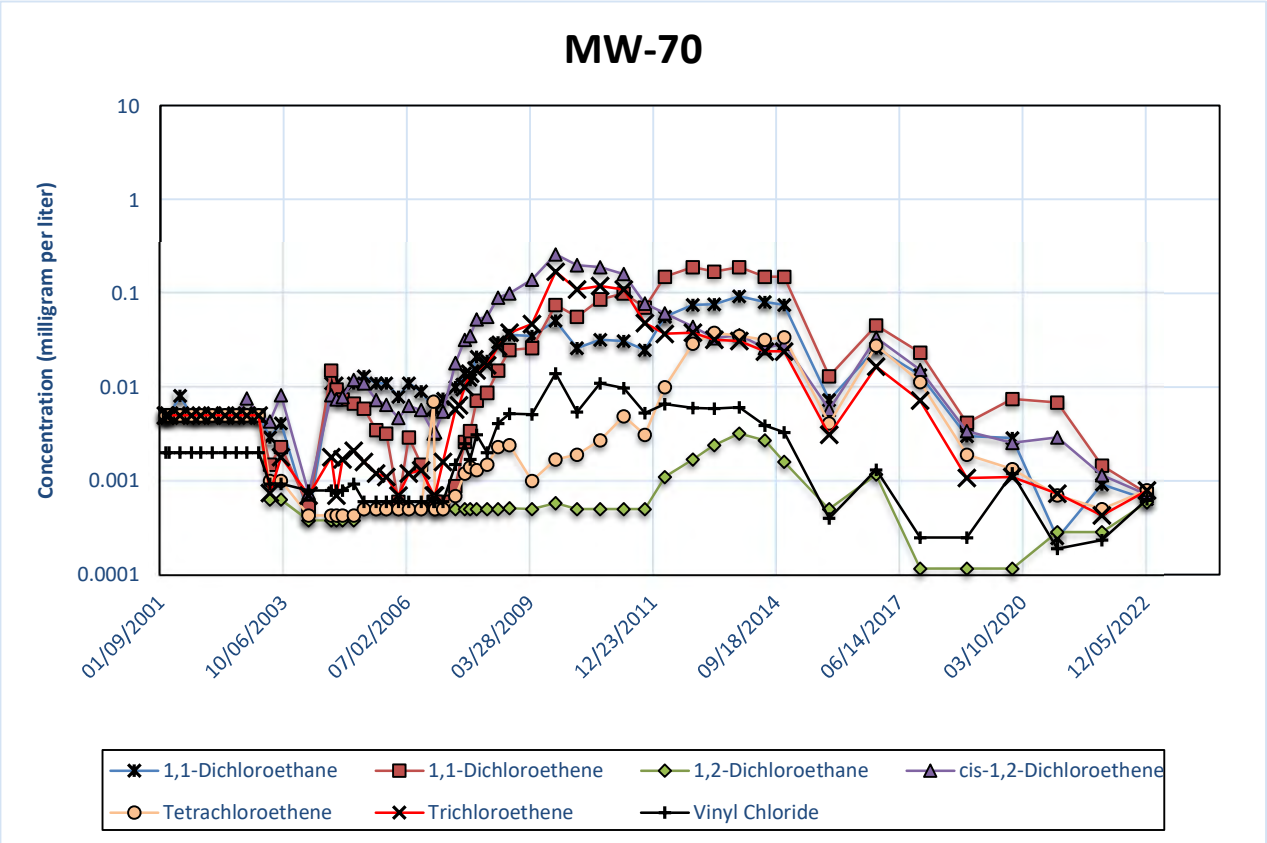


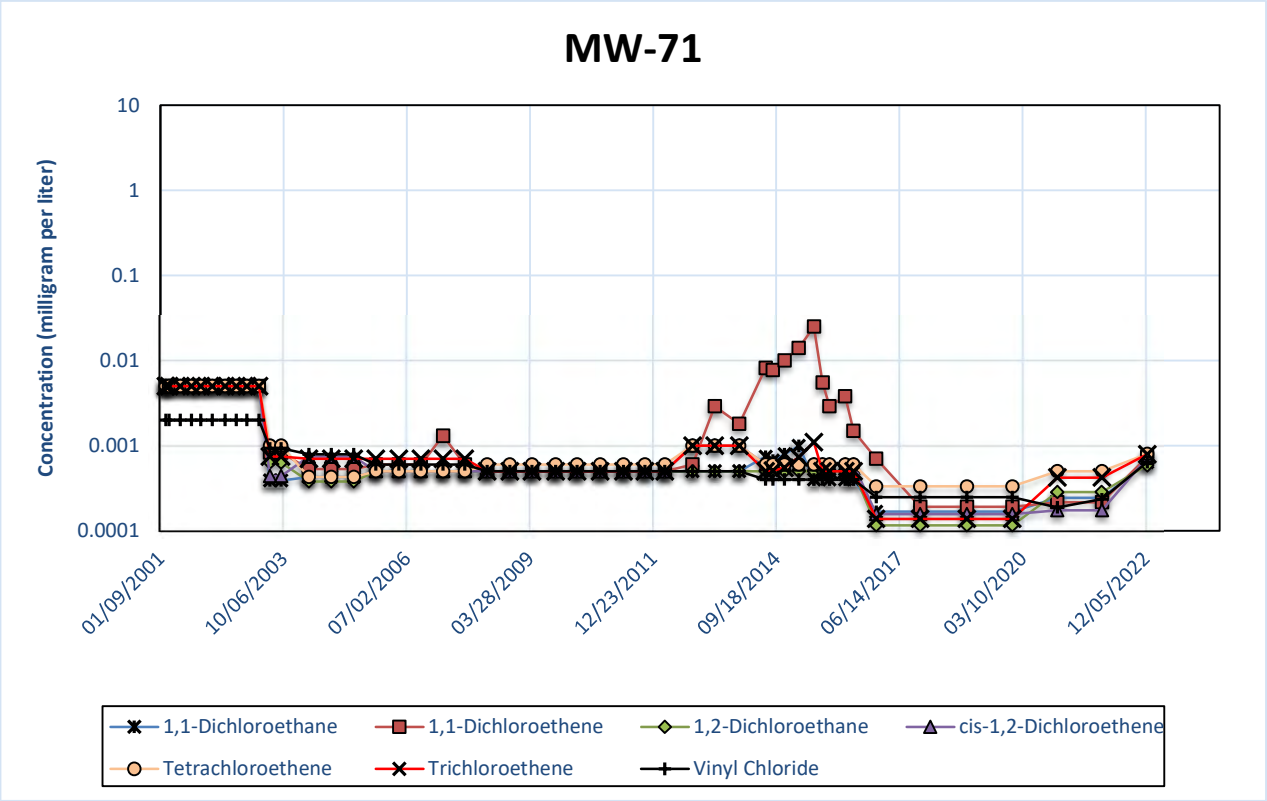
Appendix D.
Concentration versus Time Graphs
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

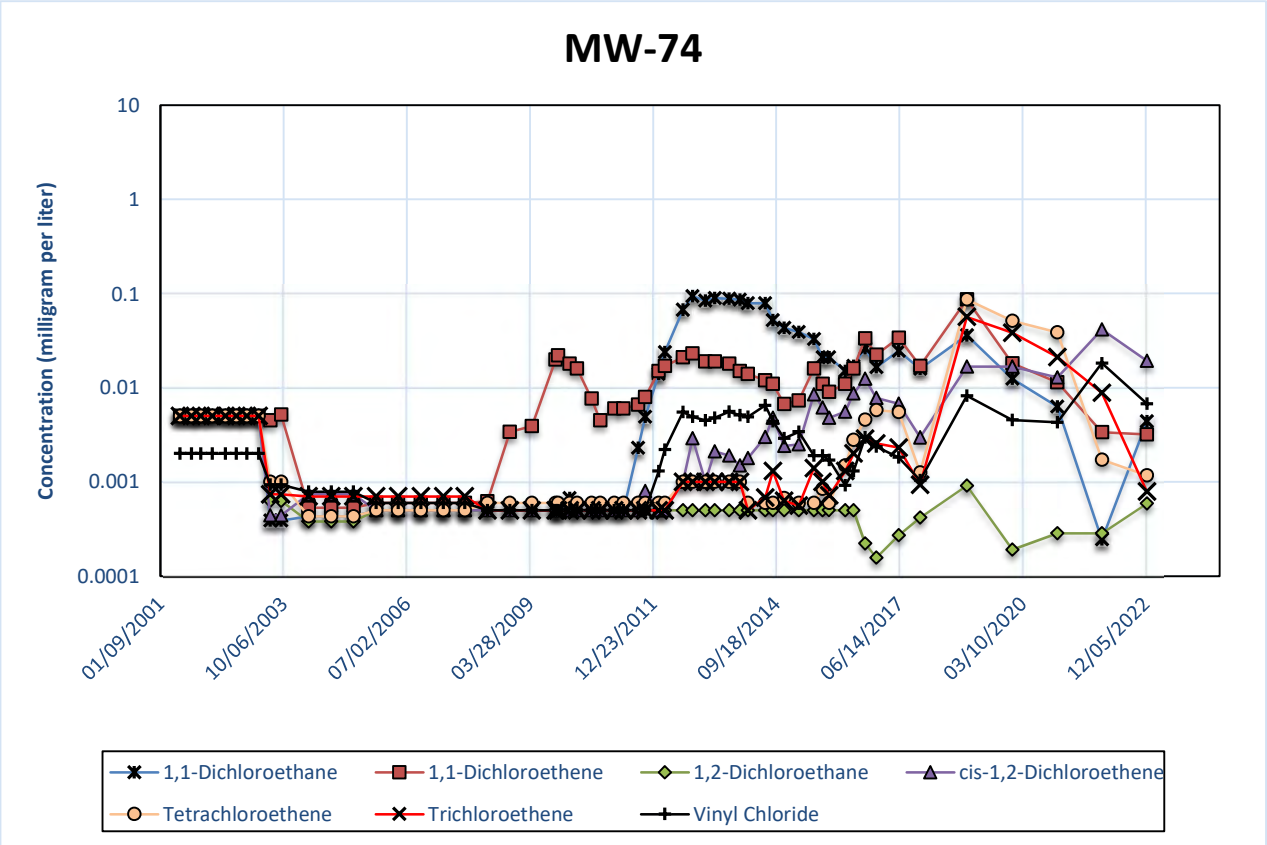
CH2M HILL Engineers, Inc.

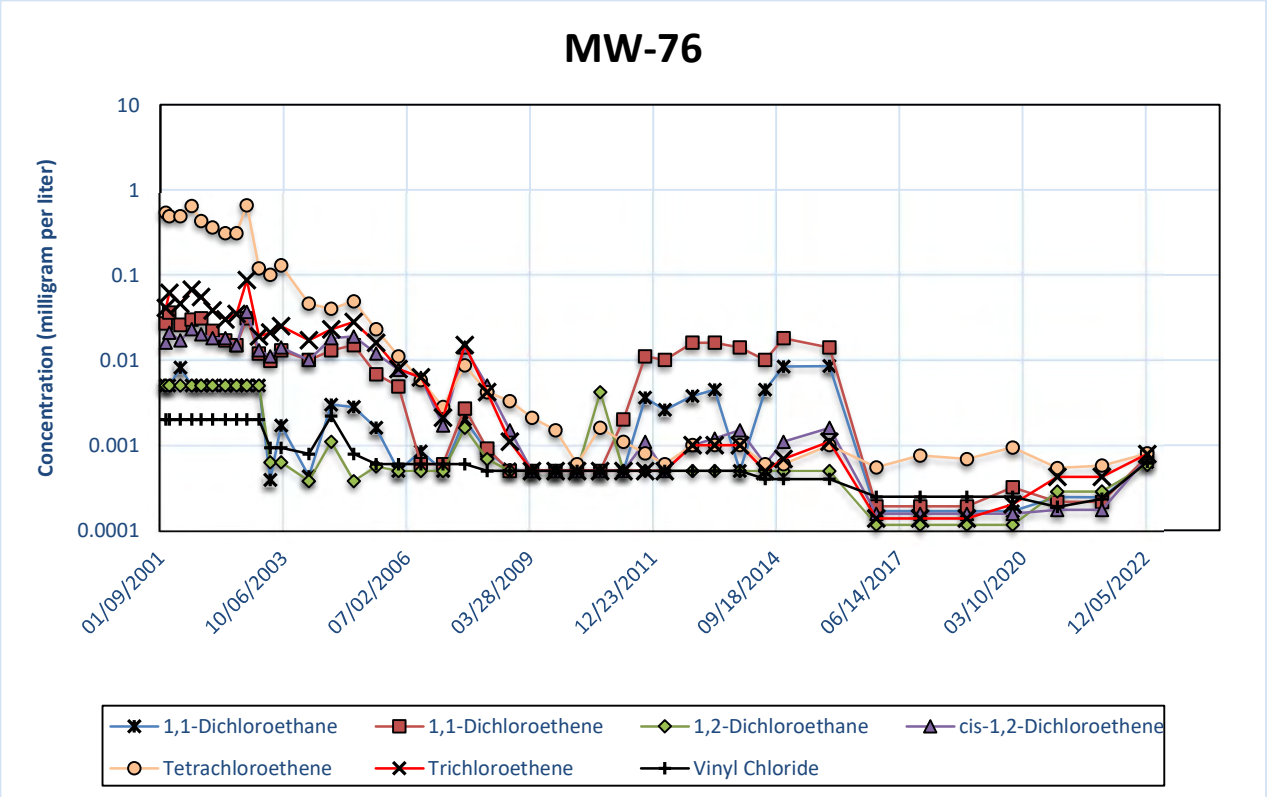

MW-50R
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

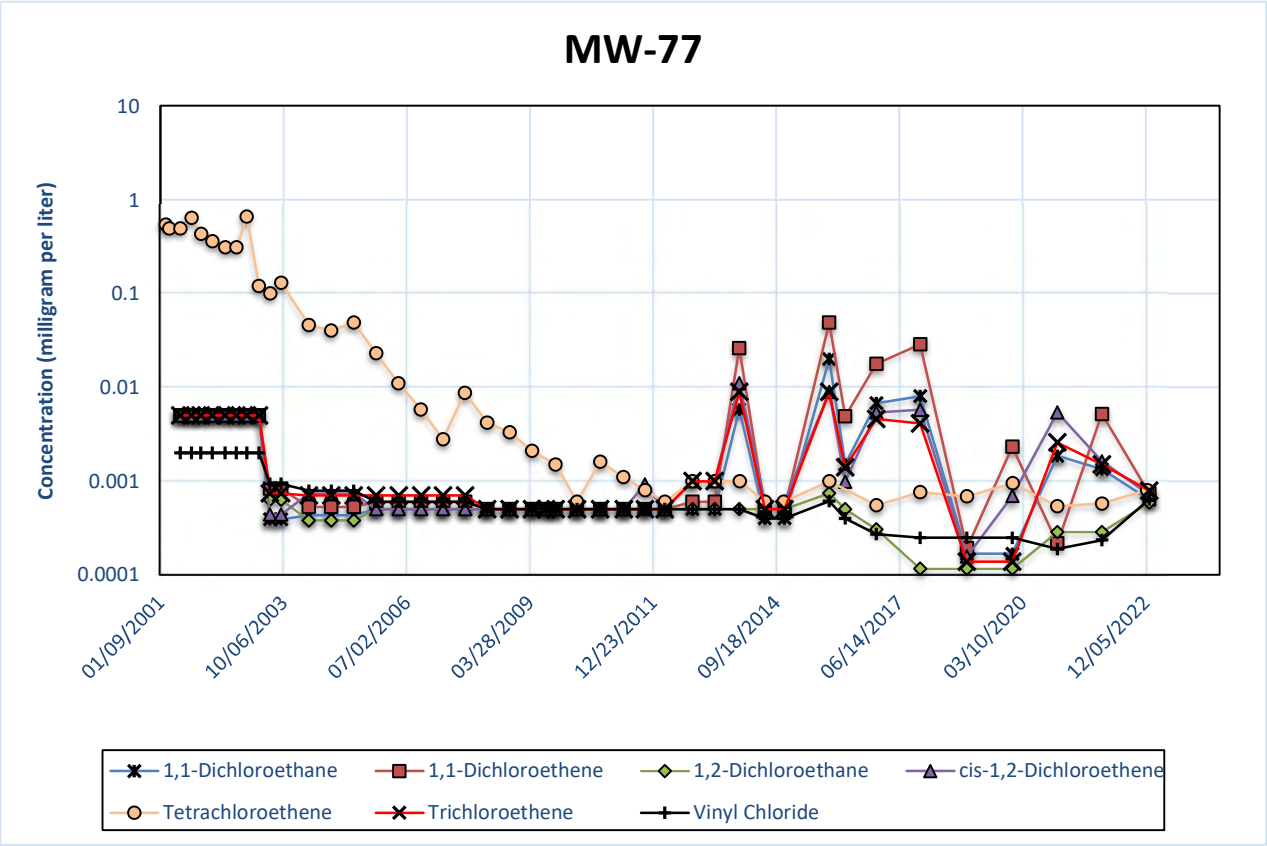

MW-65
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

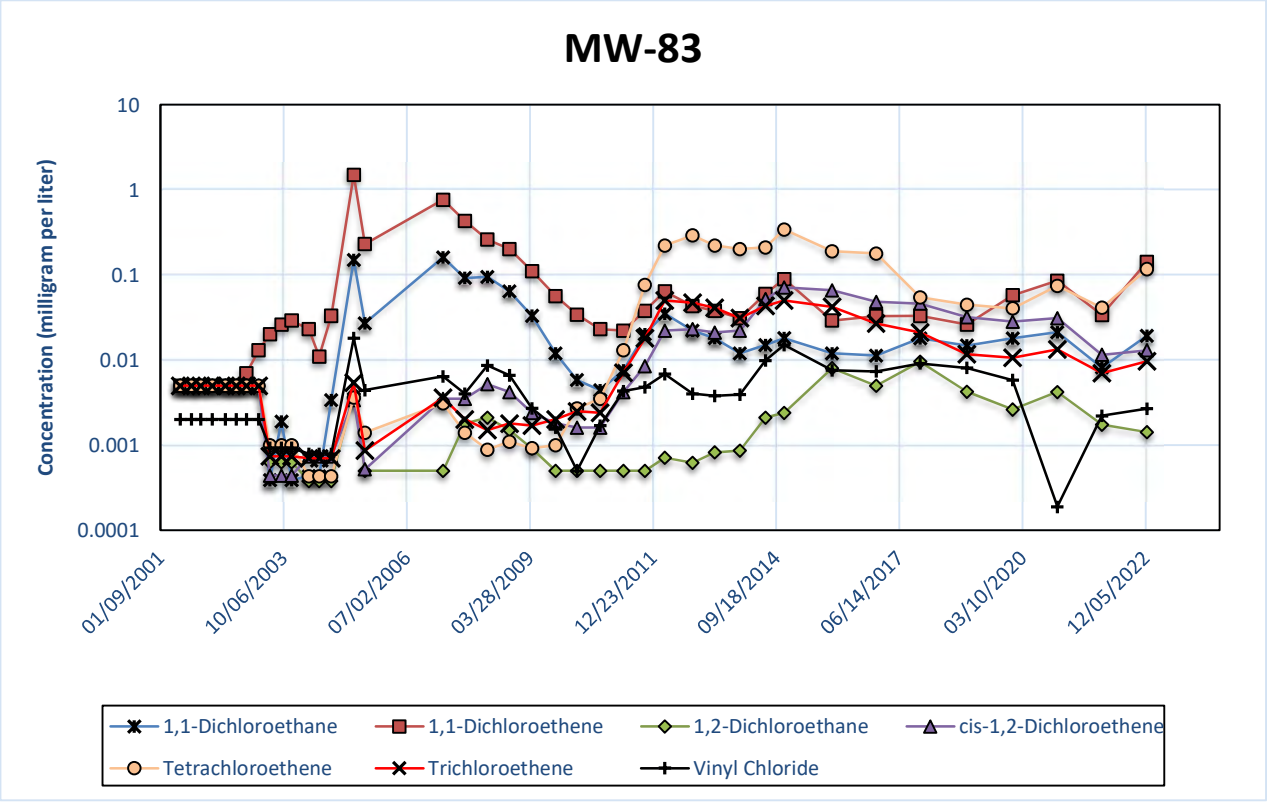

MW-70
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

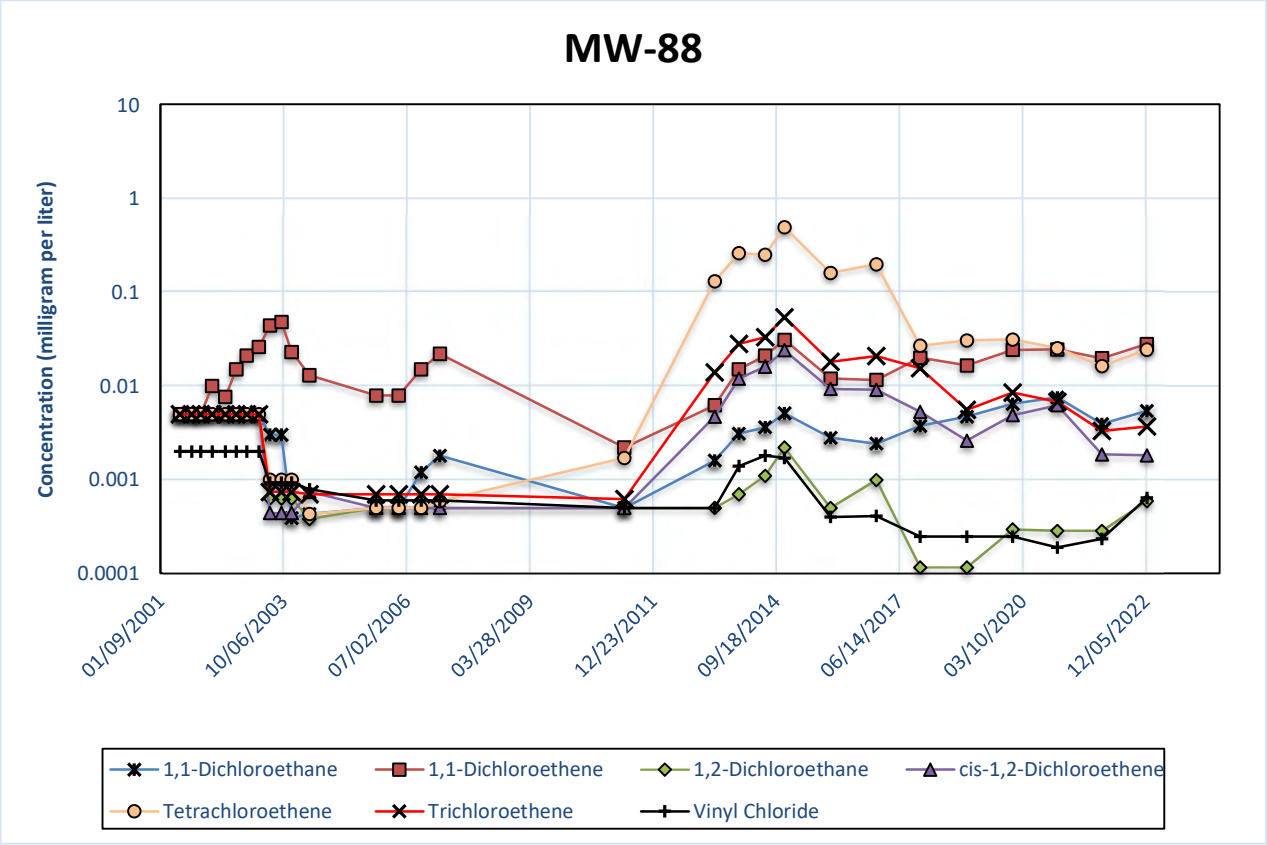

MW-71
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

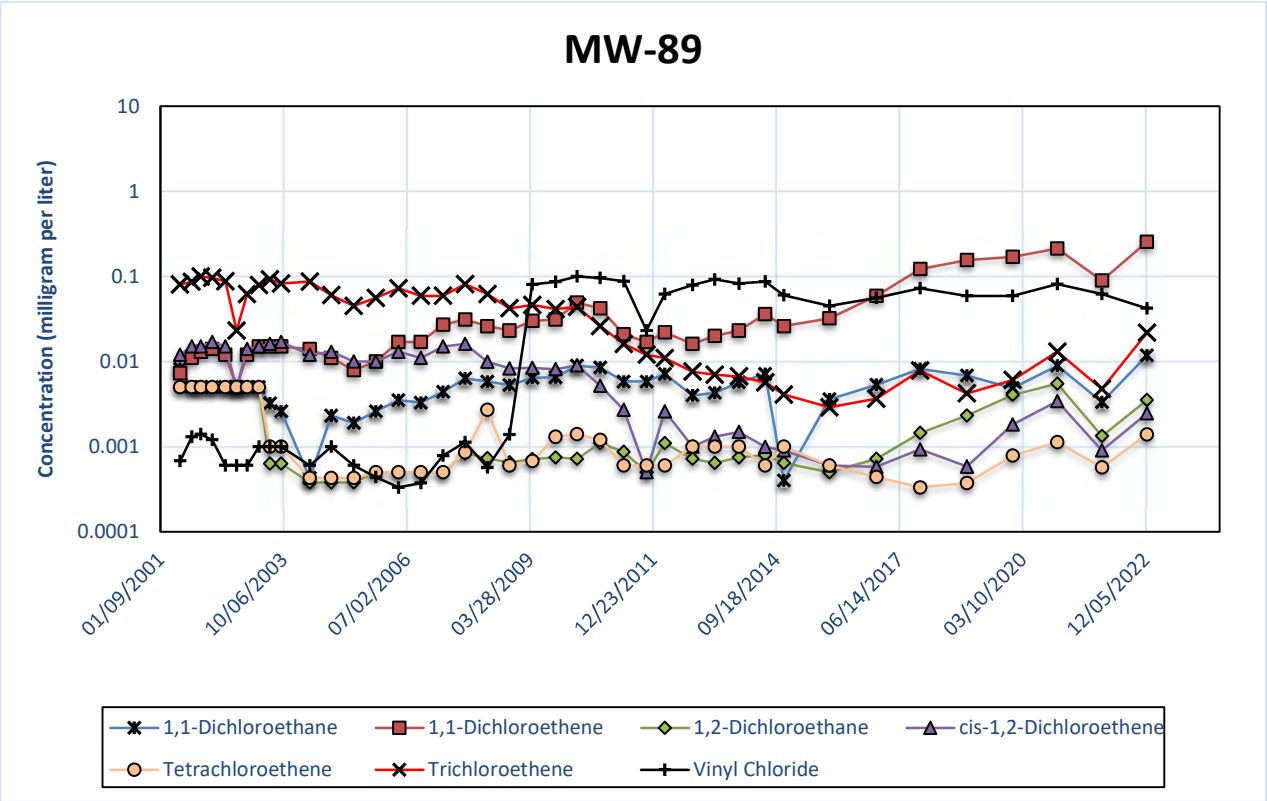

MW-74
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

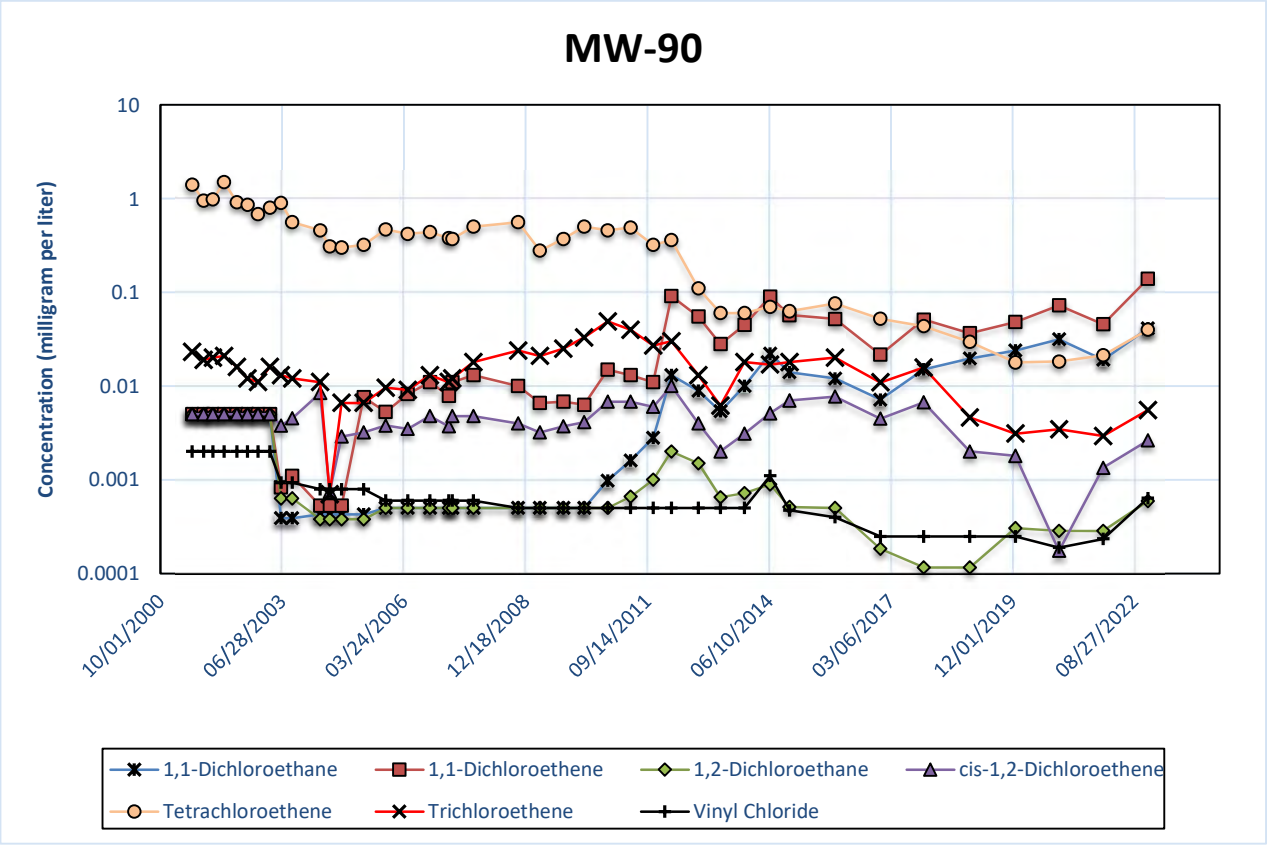

MW-76
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

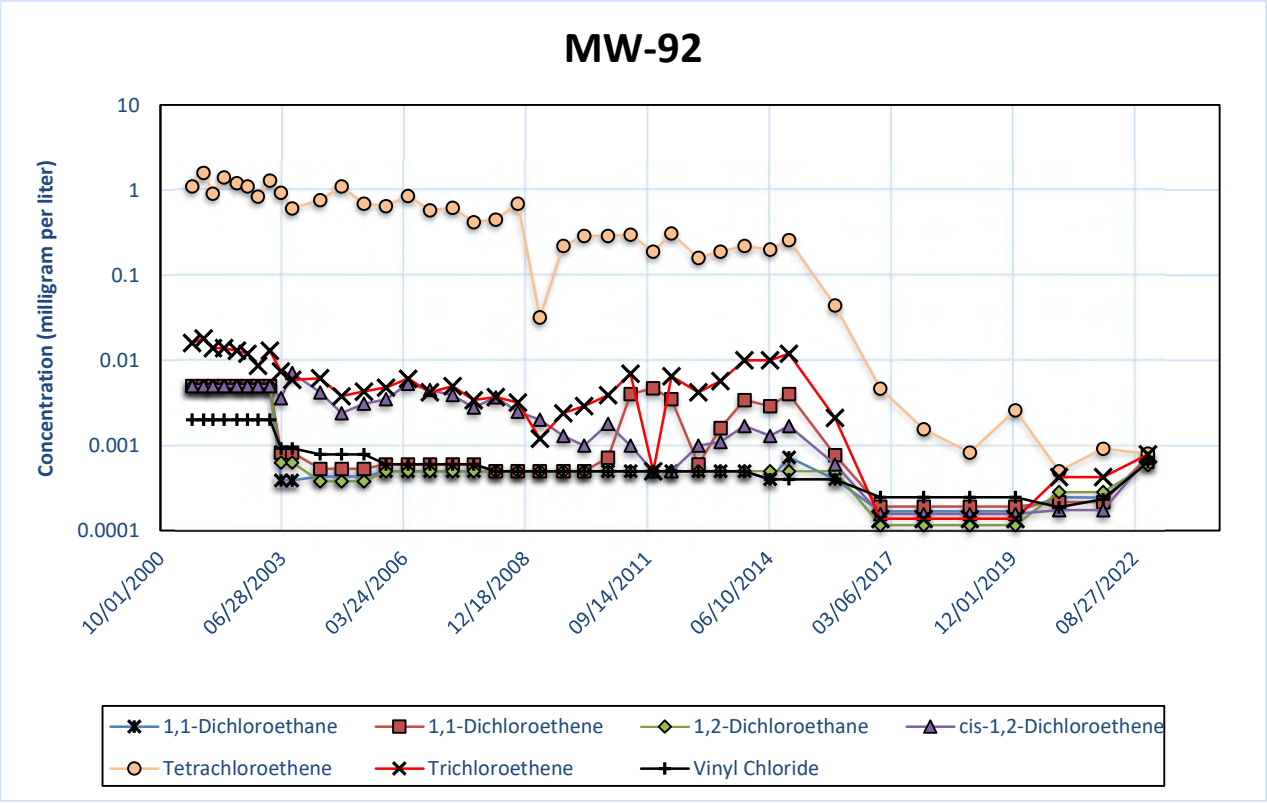

MW-77
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

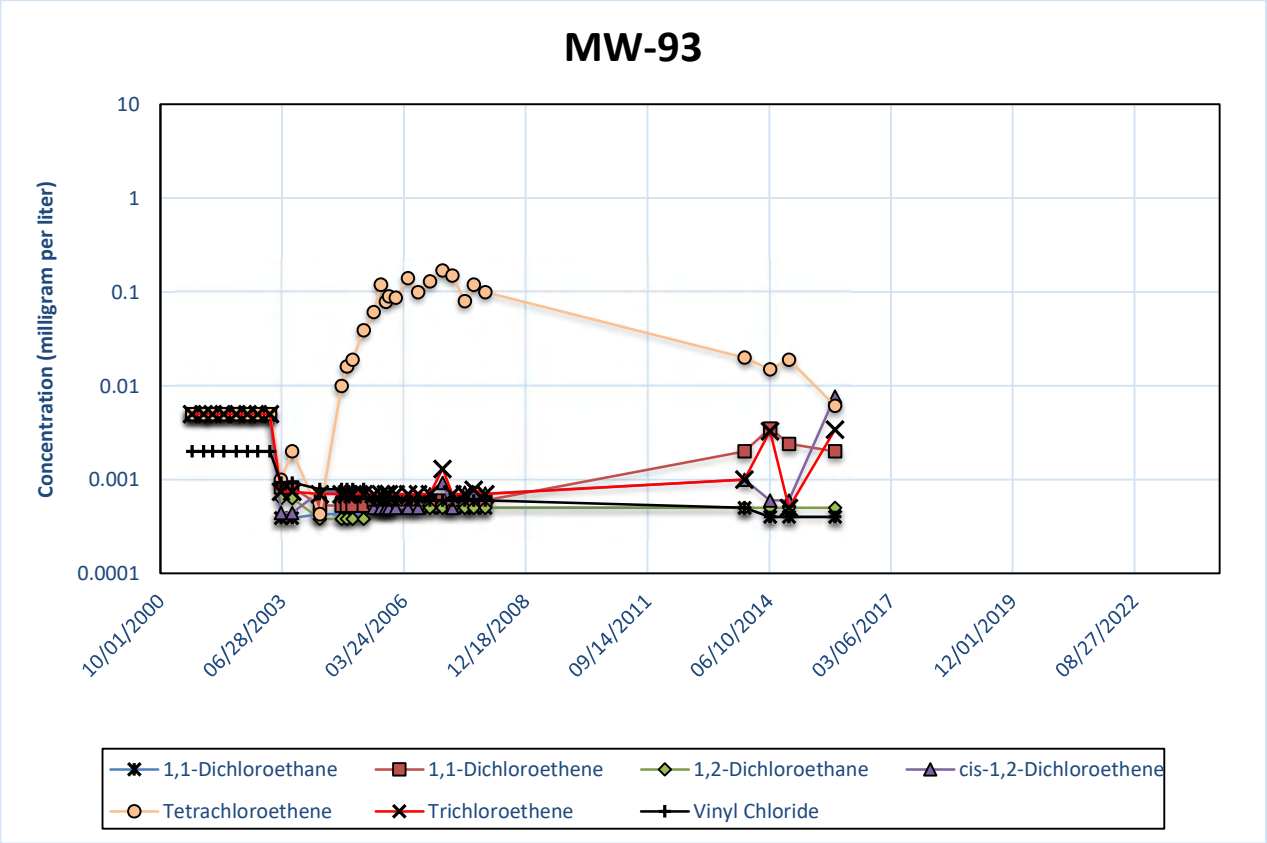

MW-83
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

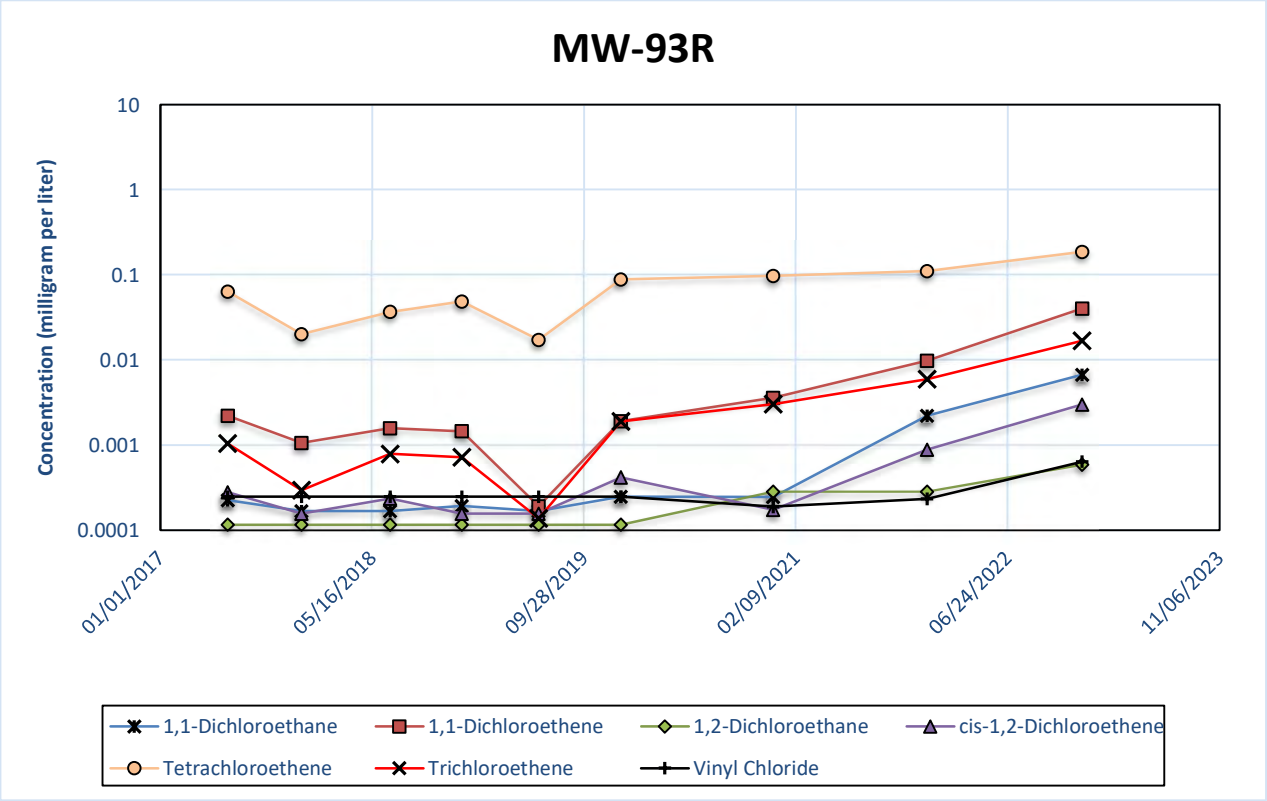

MW-88
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-89
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-90
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
10/01/2000
06/28/2003
03/24/2006
12/18/2008
09/14/2011
06/10/2014
03/06/2017
12/01/2019
08/27/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

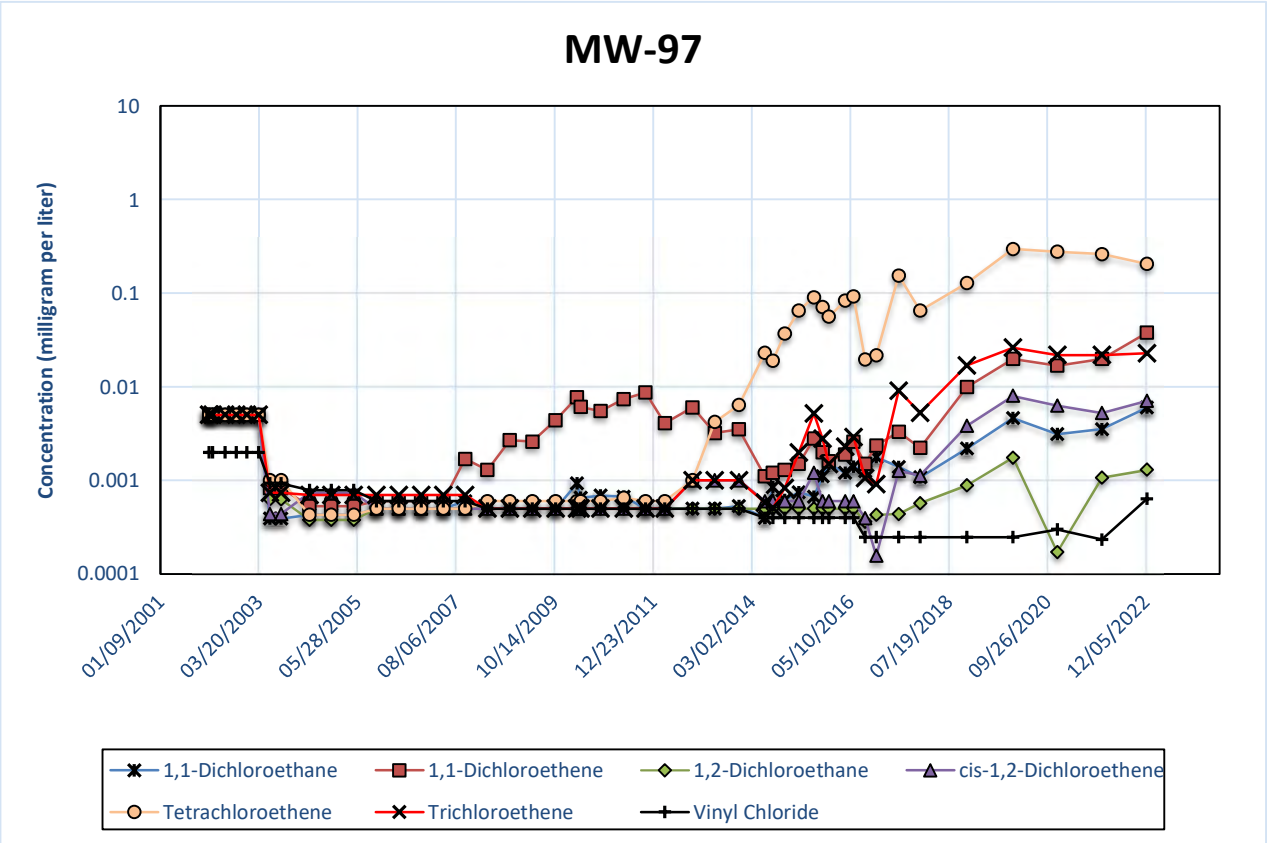

MW-92
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
10/01/2000
06/28/2003
03/24/2006
12/18/2008
09/14/2011
06/10/2014
03/06/2017
12/01/2019
08/27/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

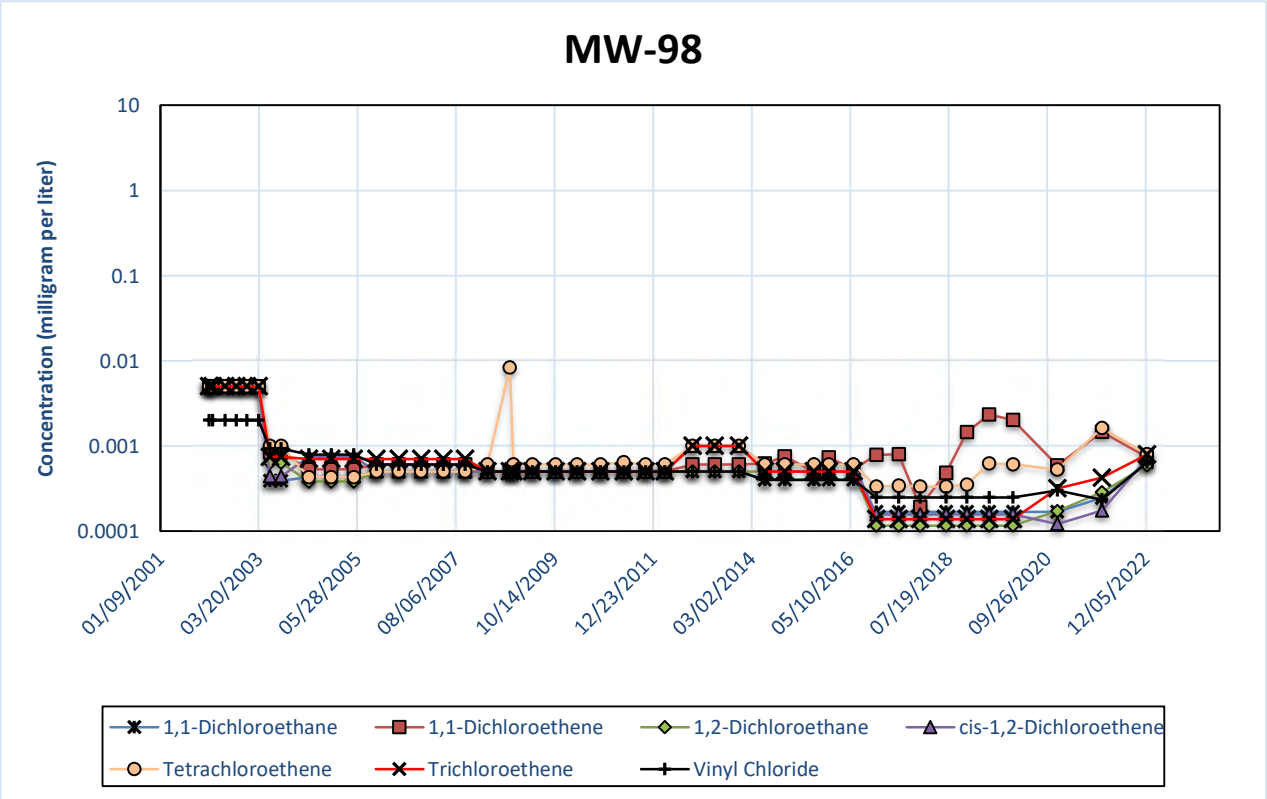


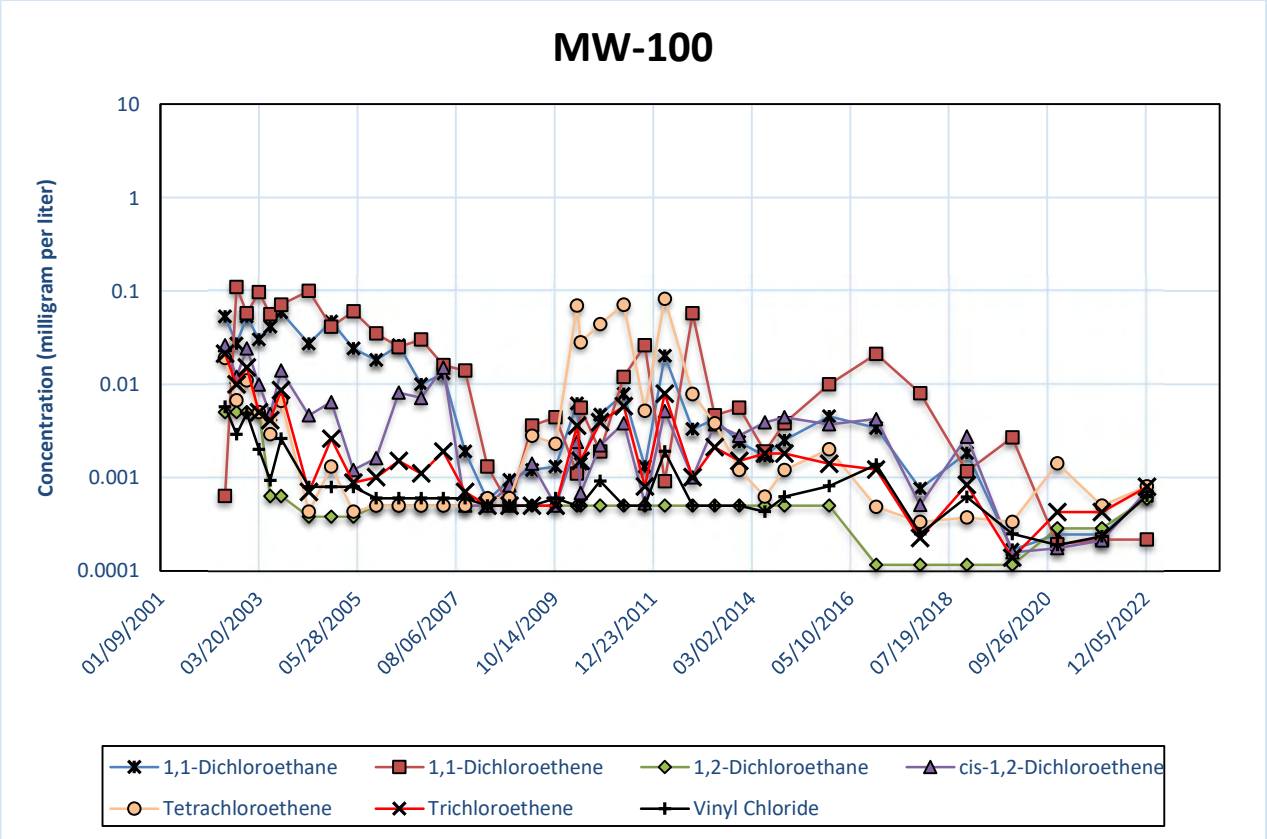


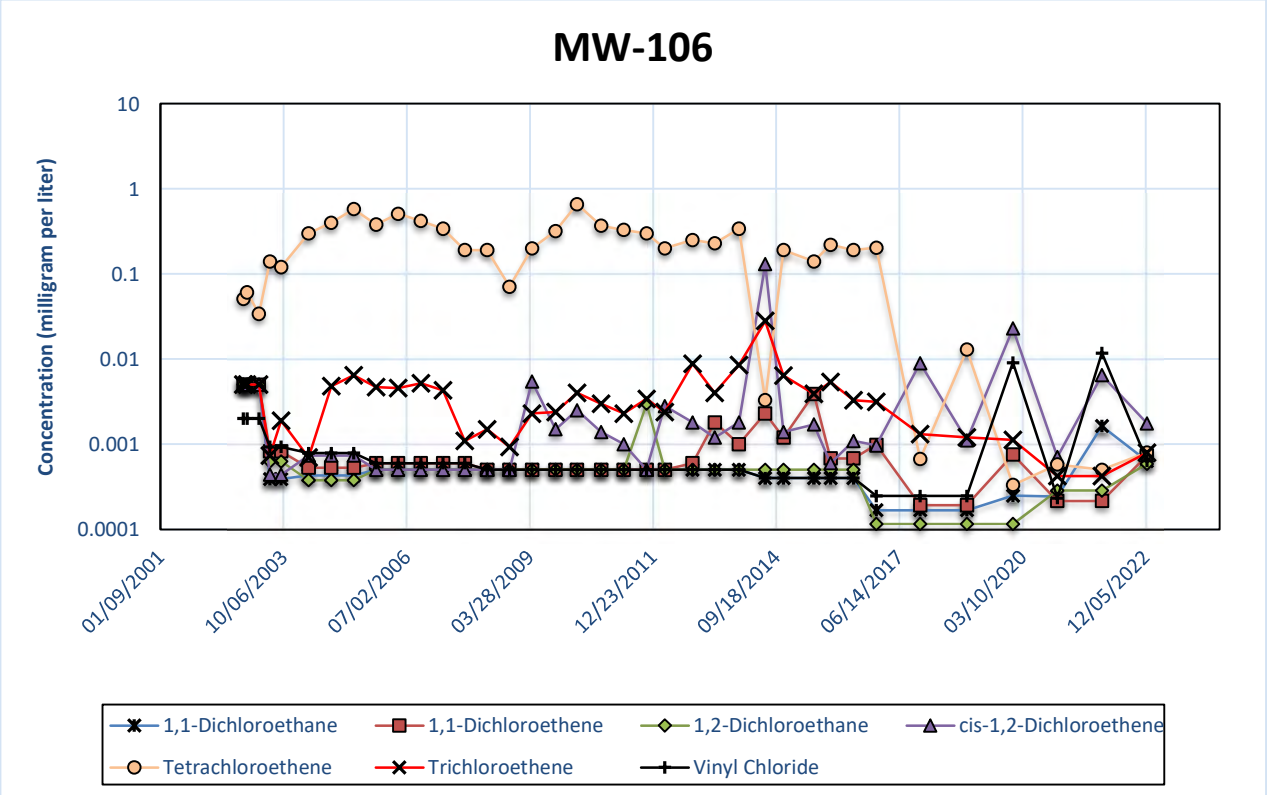
Appendix D.
Concentration versus Time Graphs
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

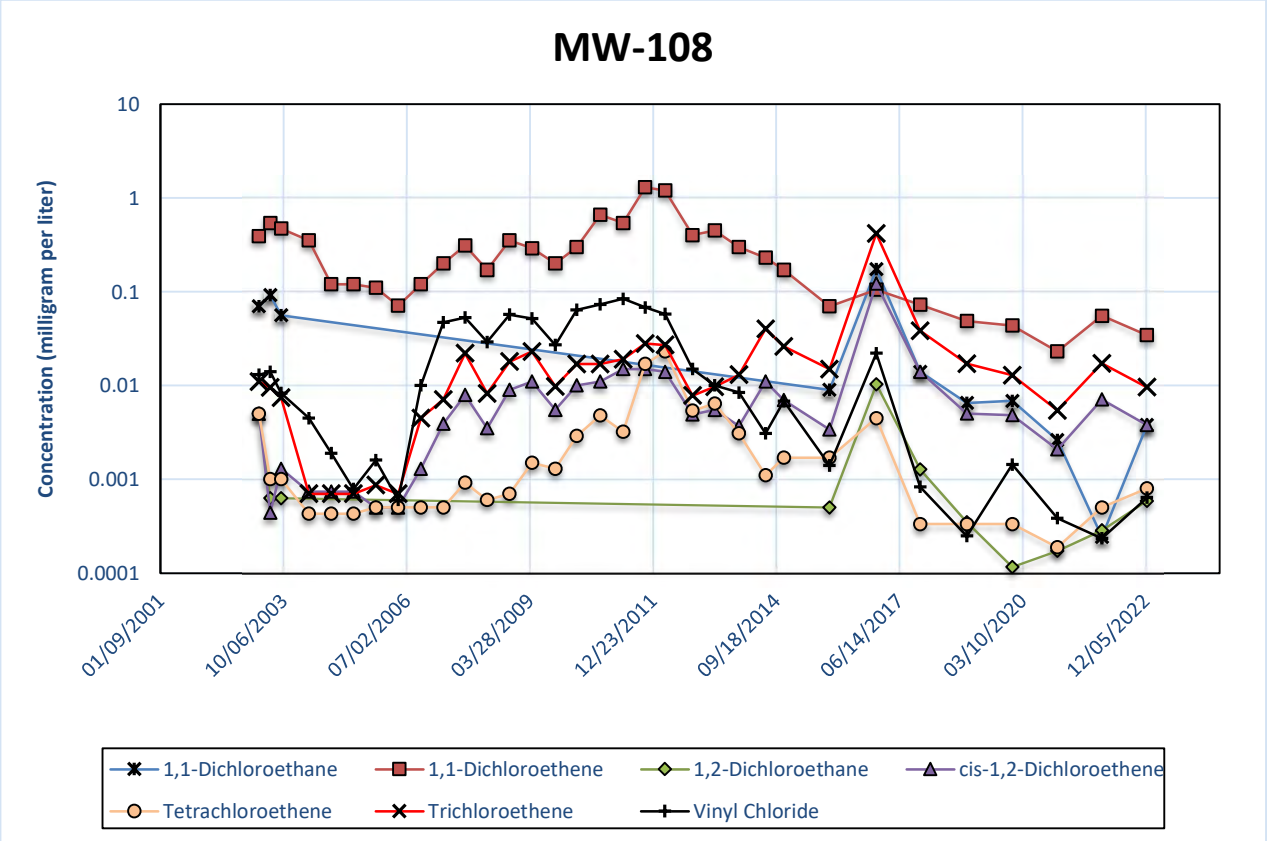
CH2M HILL Engineers, Inc.

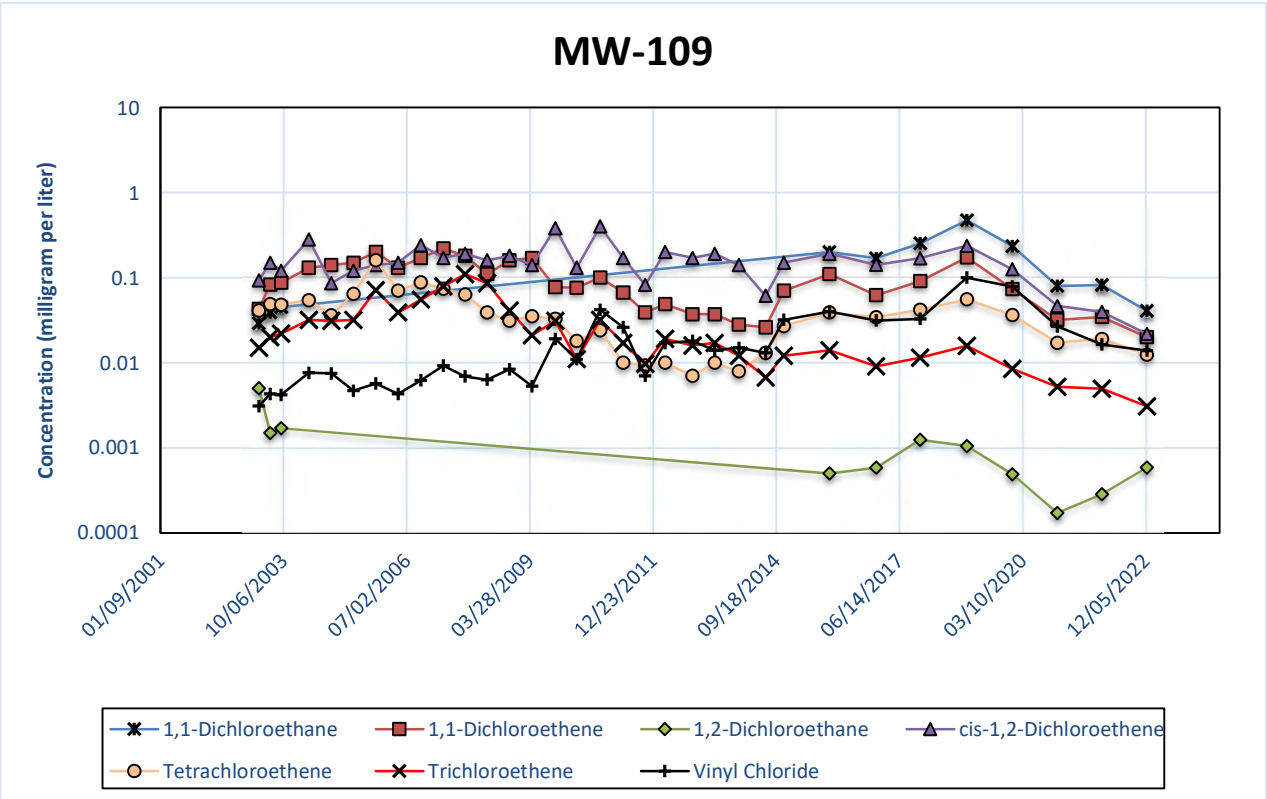

MW-97
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
03/20/2003
05/28/2005
08/06/2007
10/14/2009
12/23/2011
03/02/2014
05/10/2016
07/19/2018
09/26/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

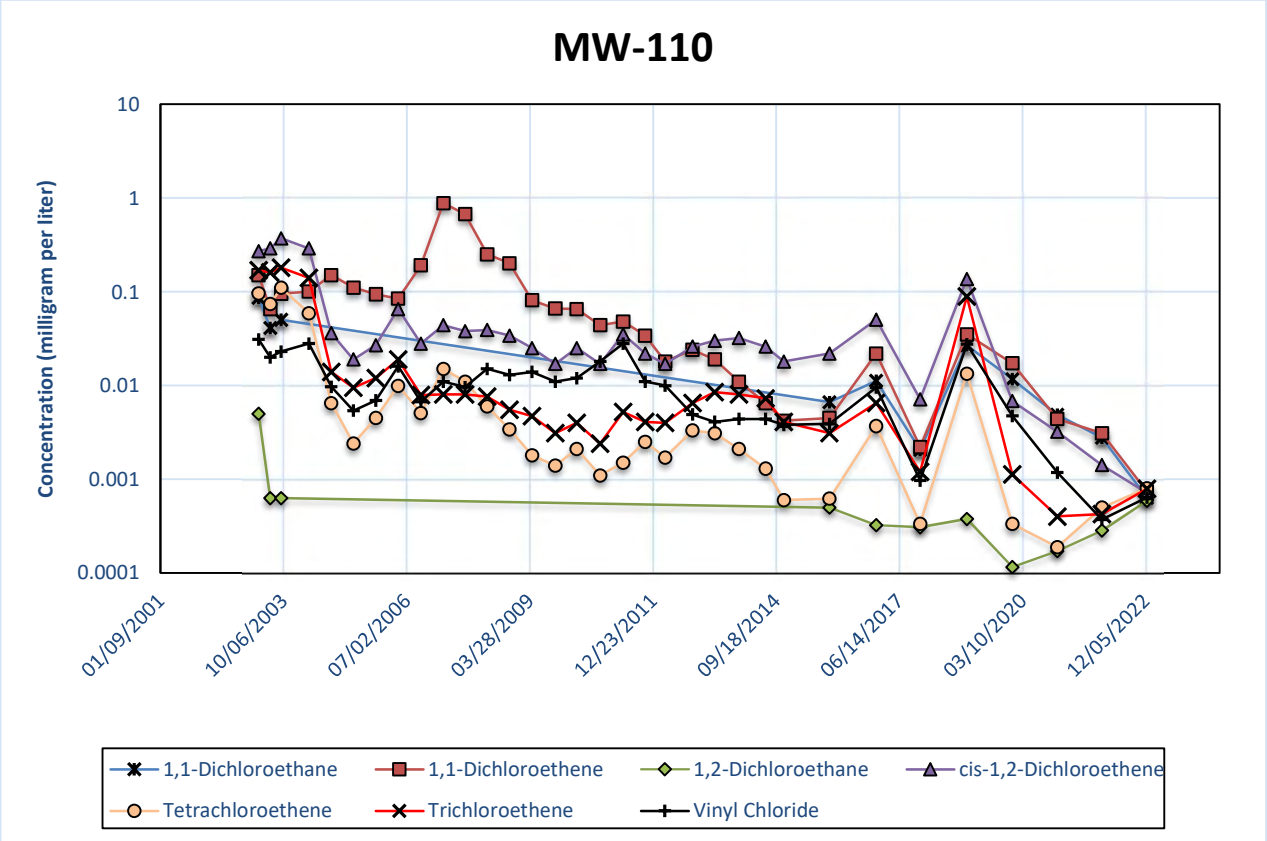

MW-98
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
03/20/2003
05/28/2005
08/06/2007
10/14/2009
12/23/2011
03/02/2014
05/10/2016
07/19/2018
09/26/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

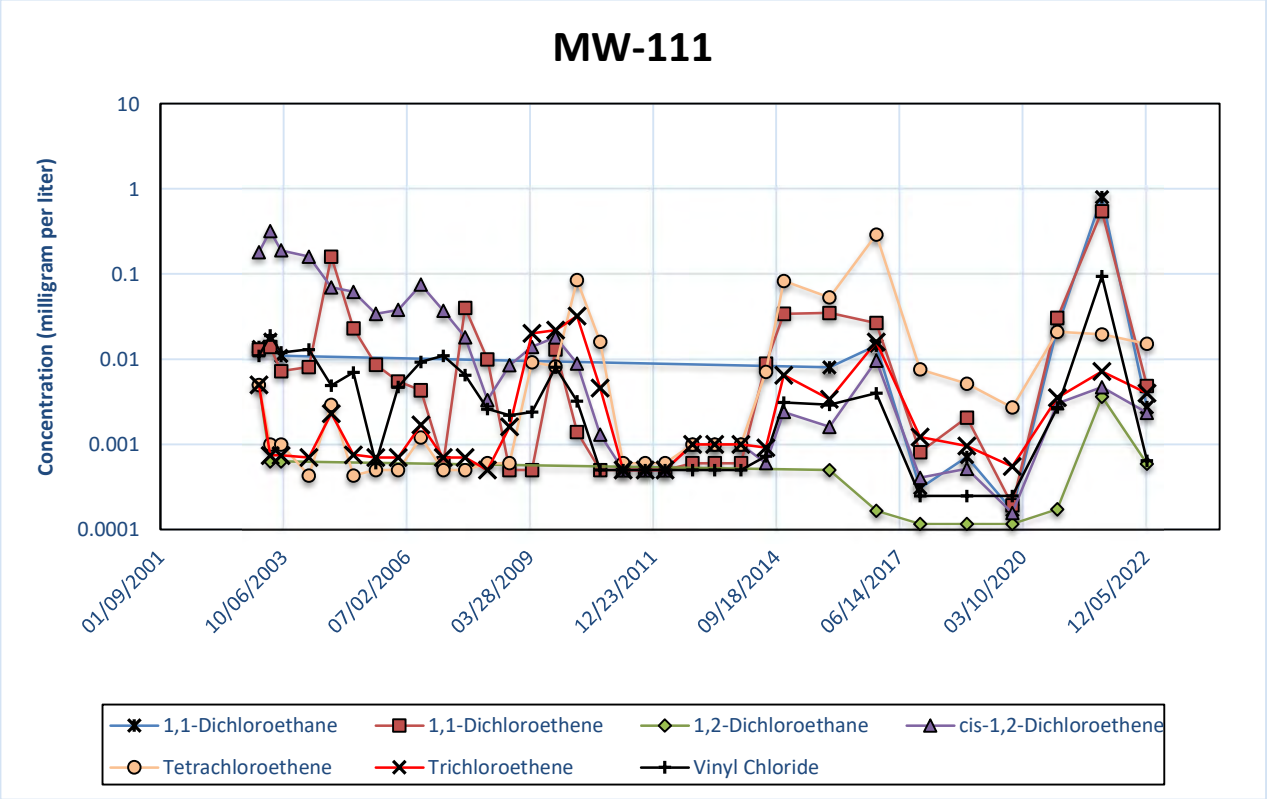

MW-100
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
03/20/2003
05/28/2005
08/06/2007
10/14/2009
12/23/2011
03/02/2014
05/10/2016
07/19/2018
09/26/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

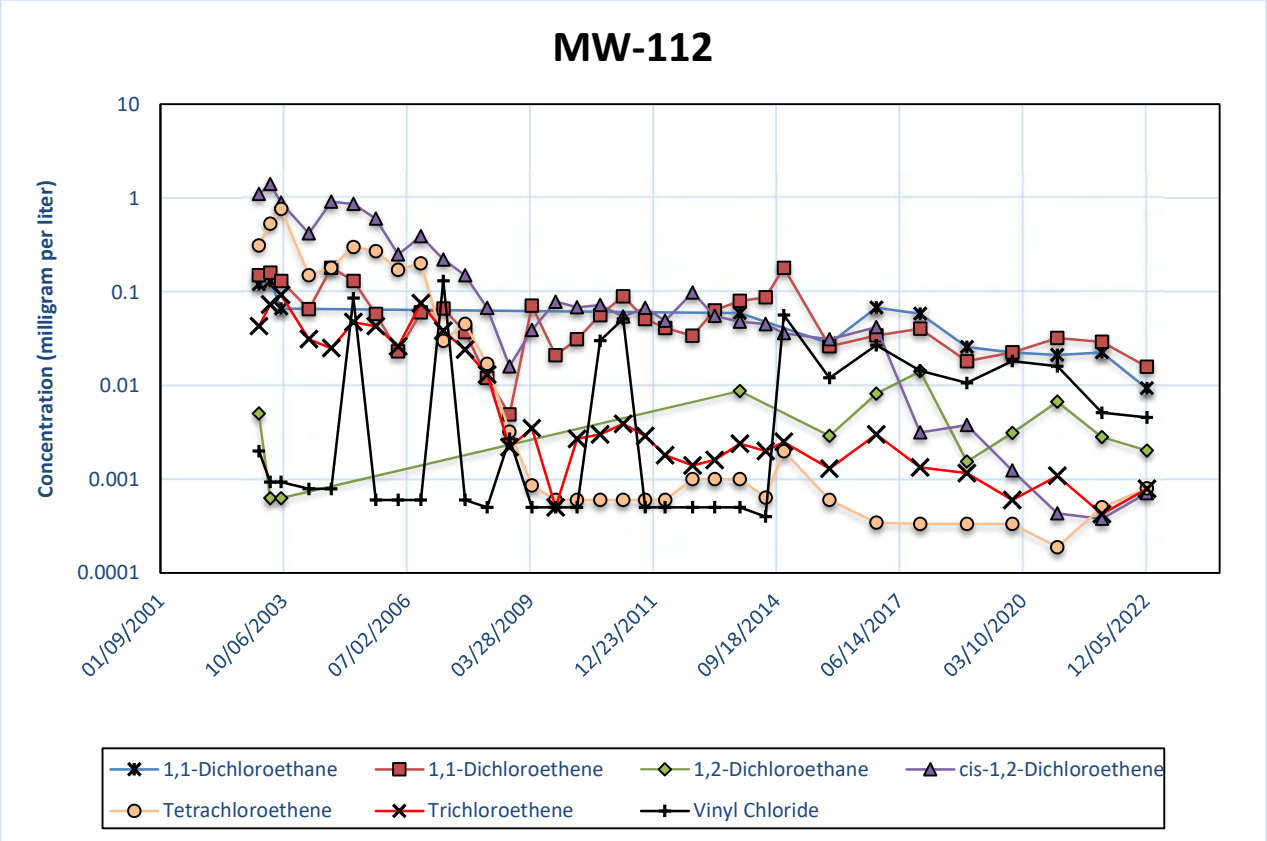

MW-106
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

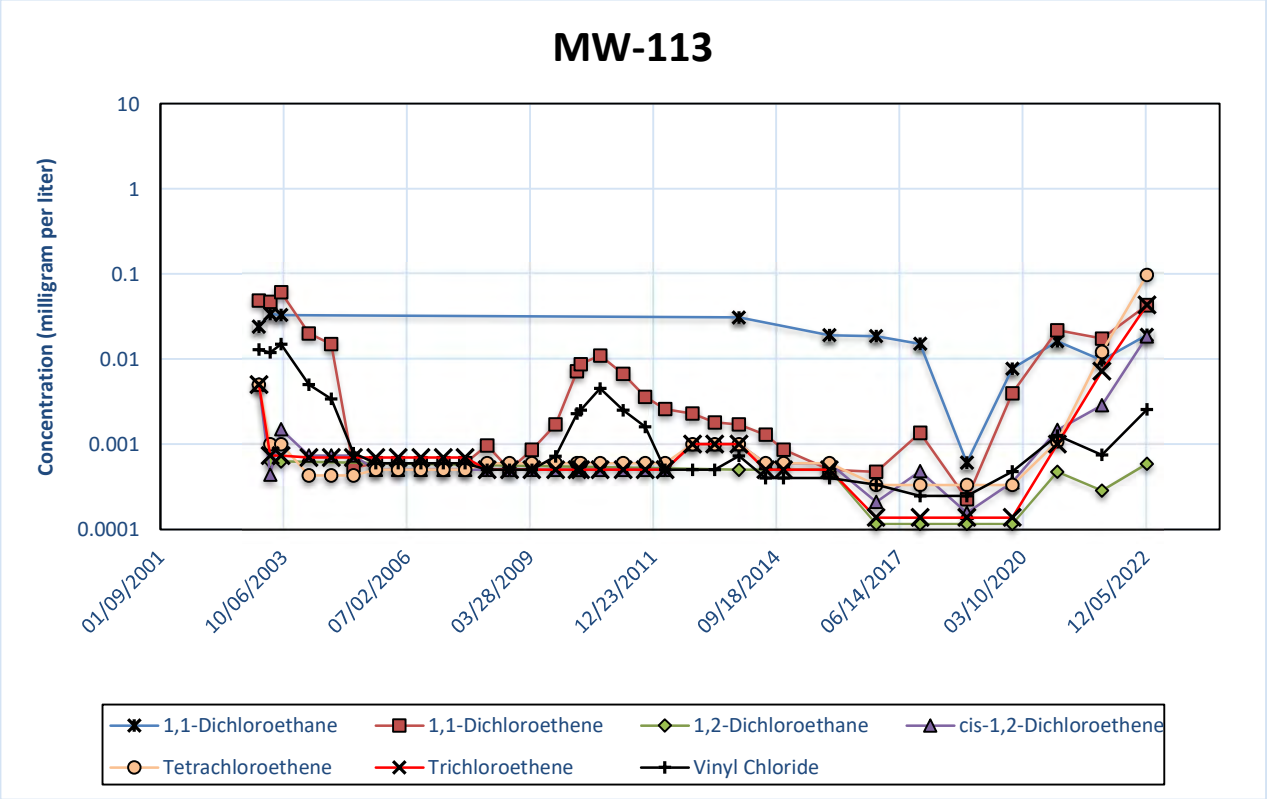

MW-108
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

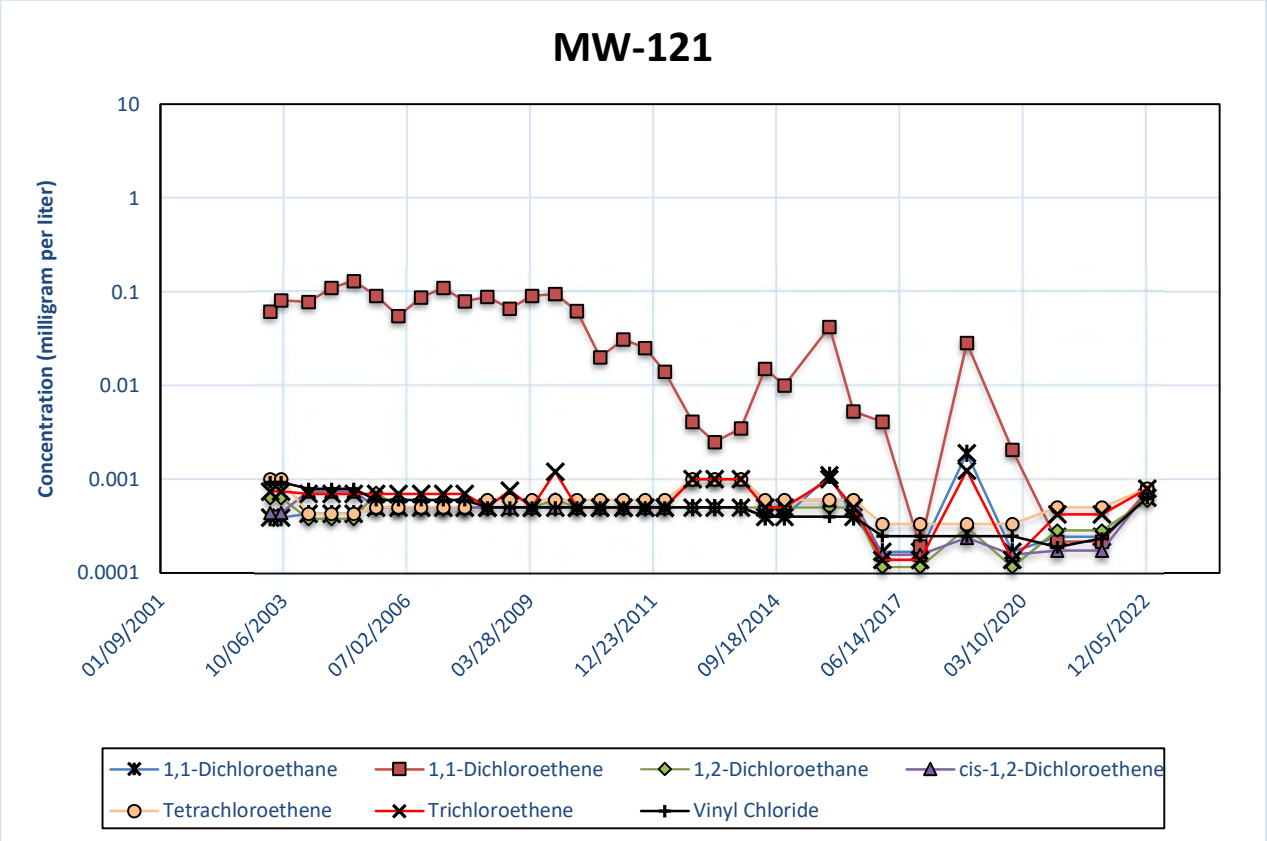

MW-109
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

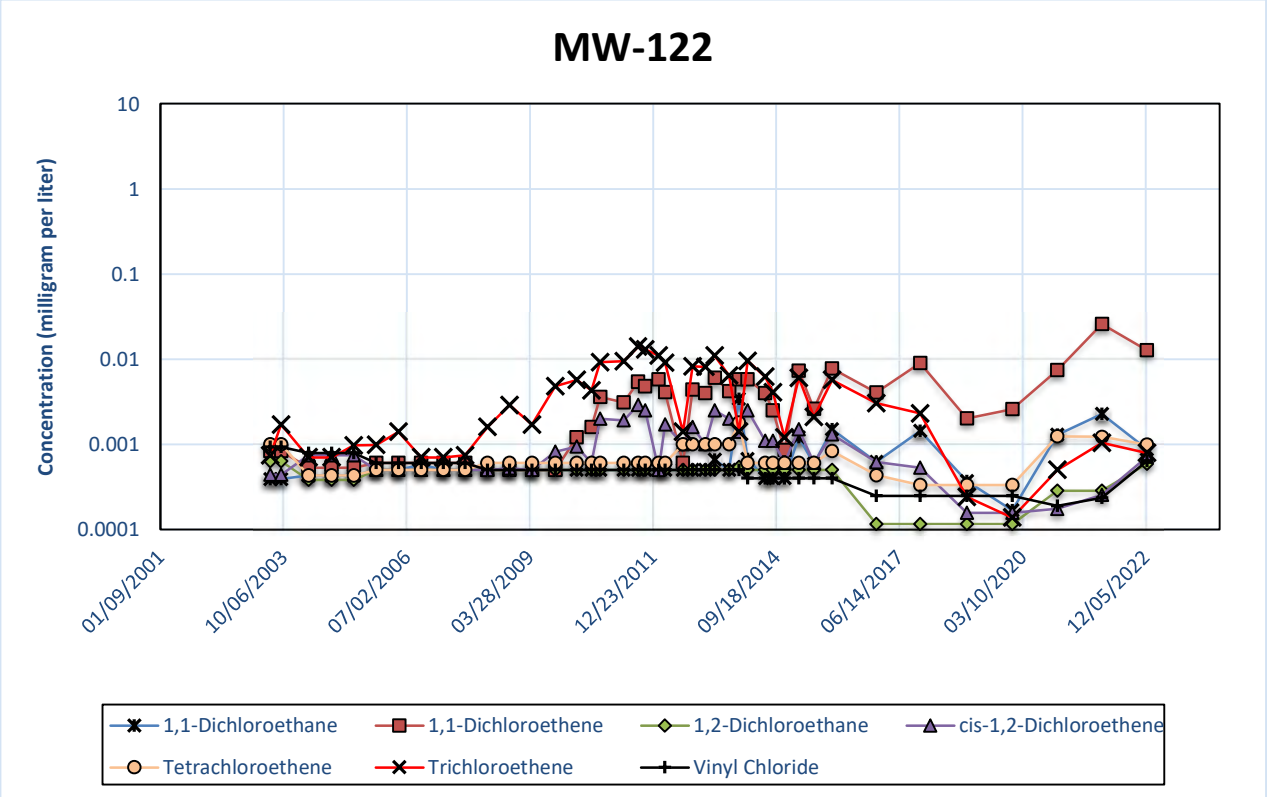

MW-110
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

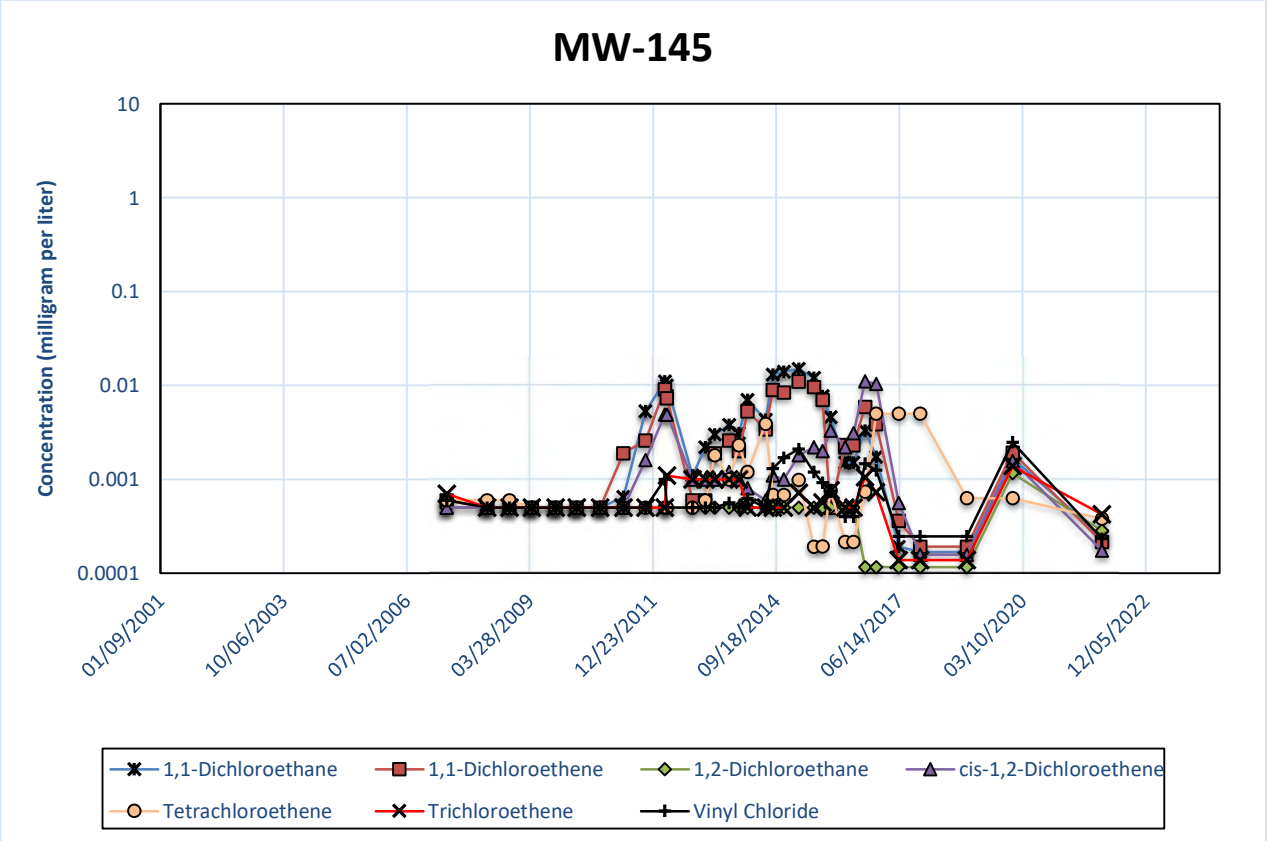

MW-111
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

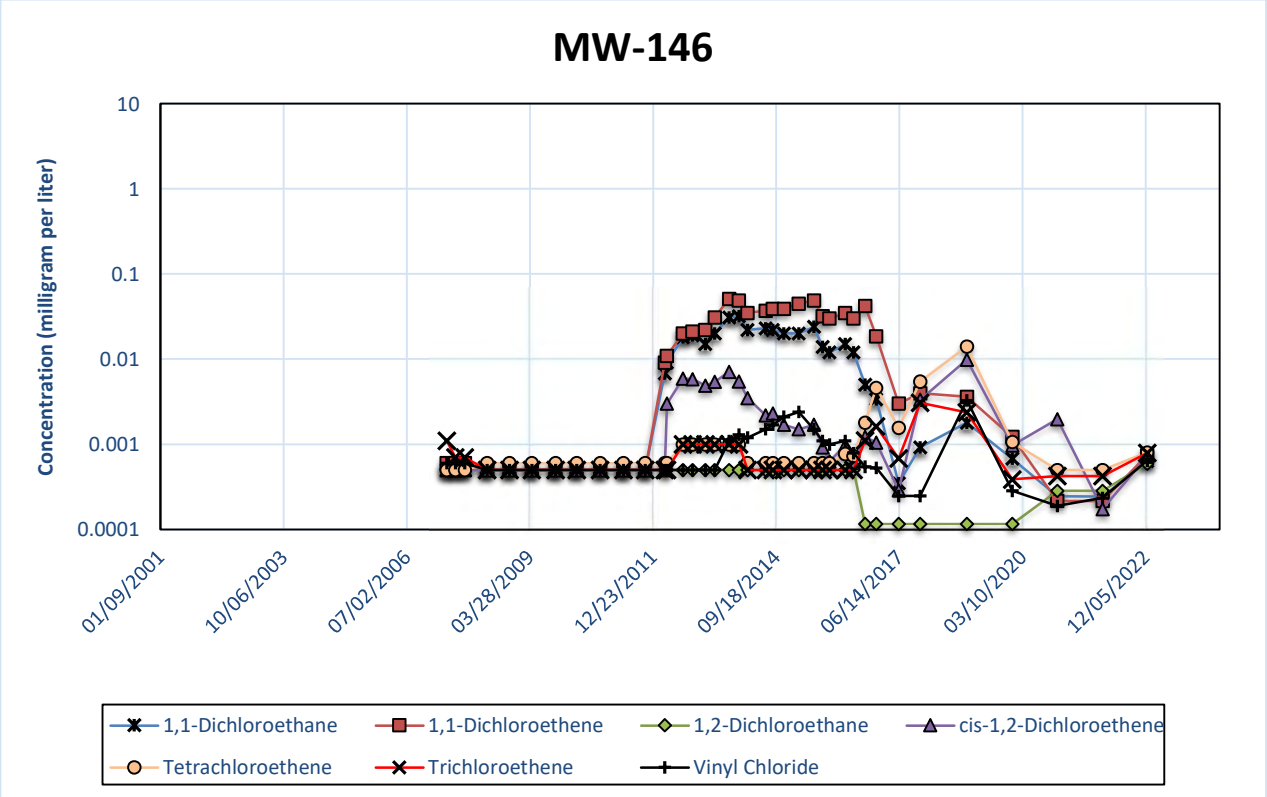

MW-112
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

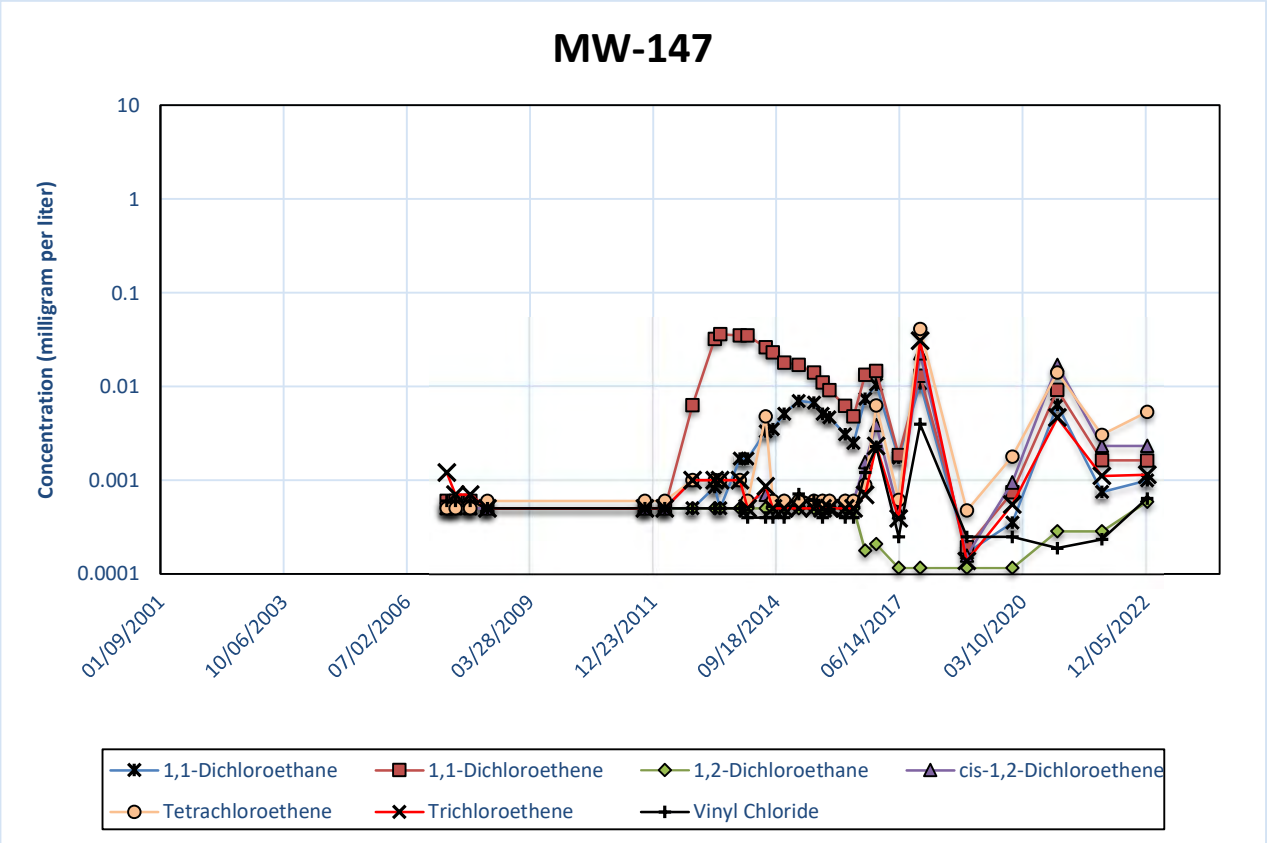

MW-113
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

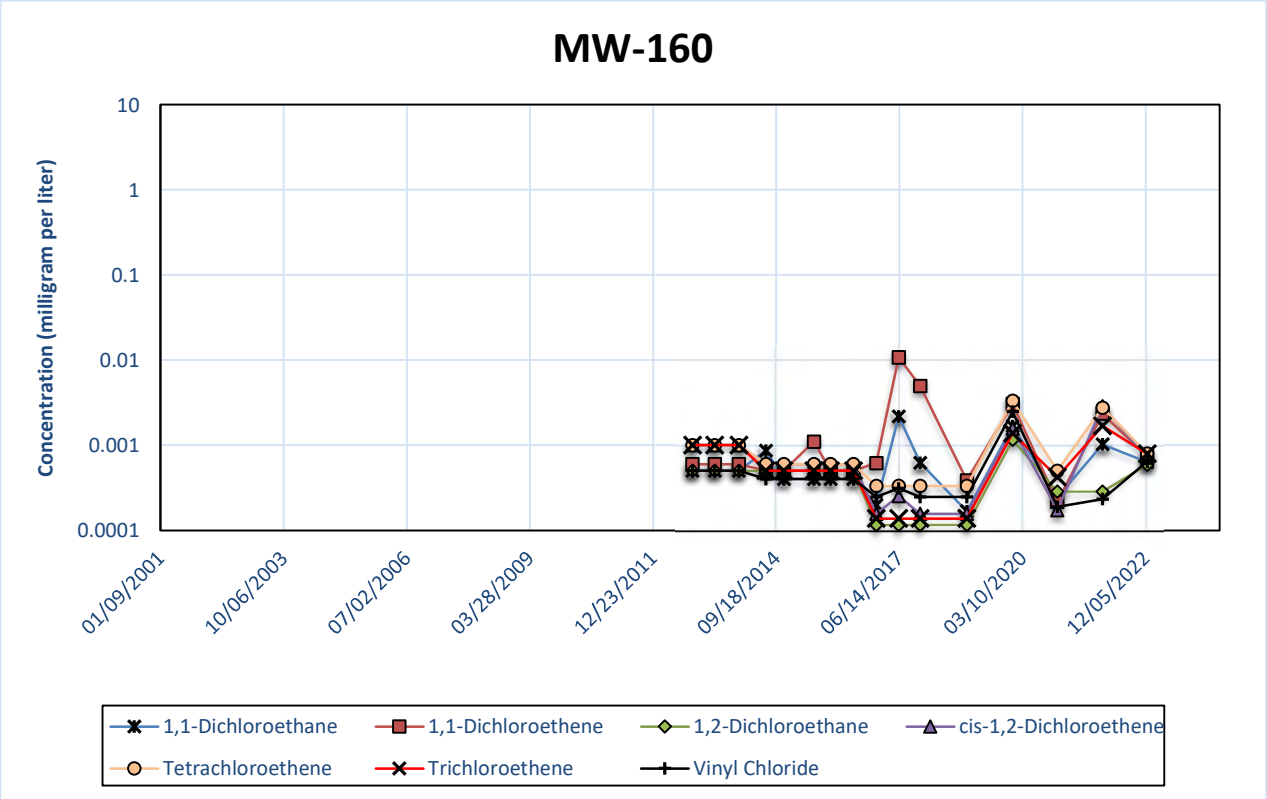

MW-121
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

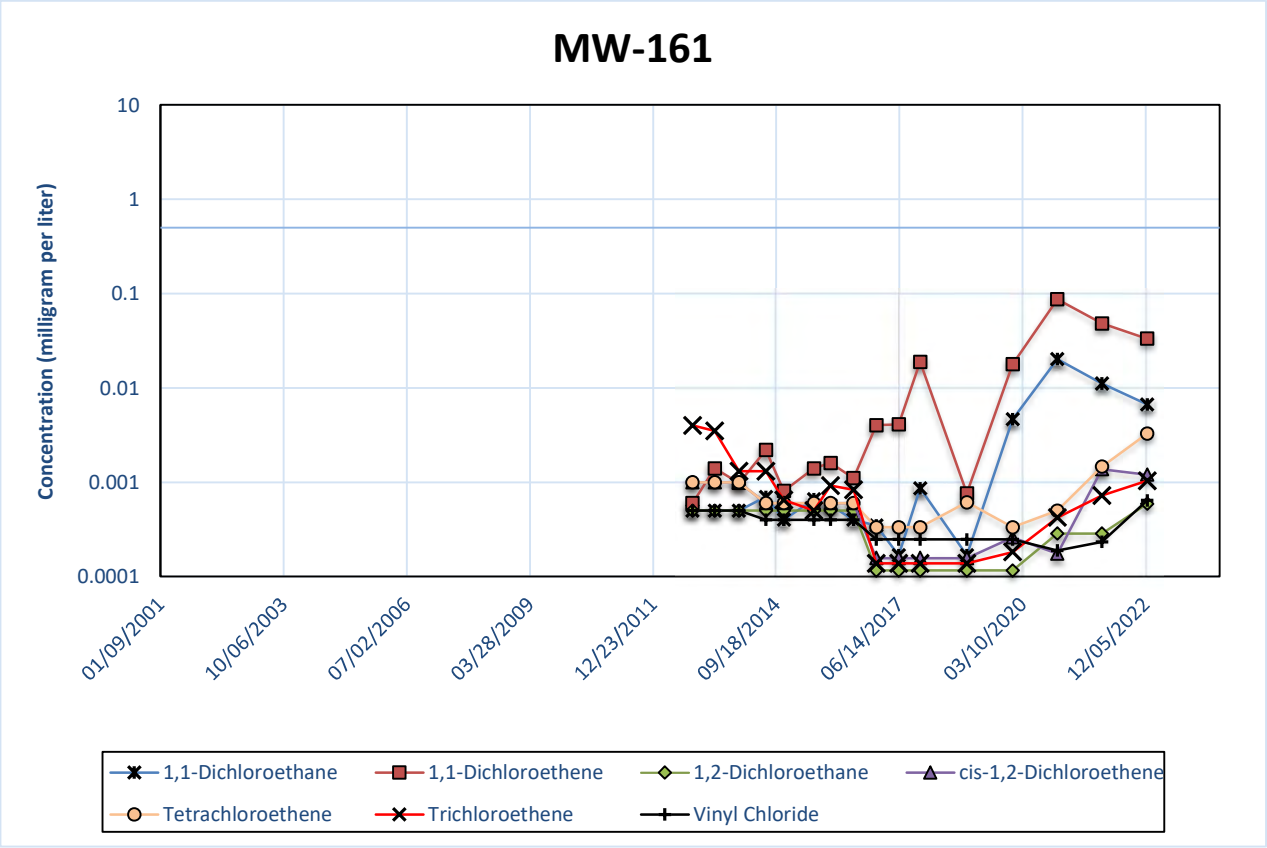

MW-122
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

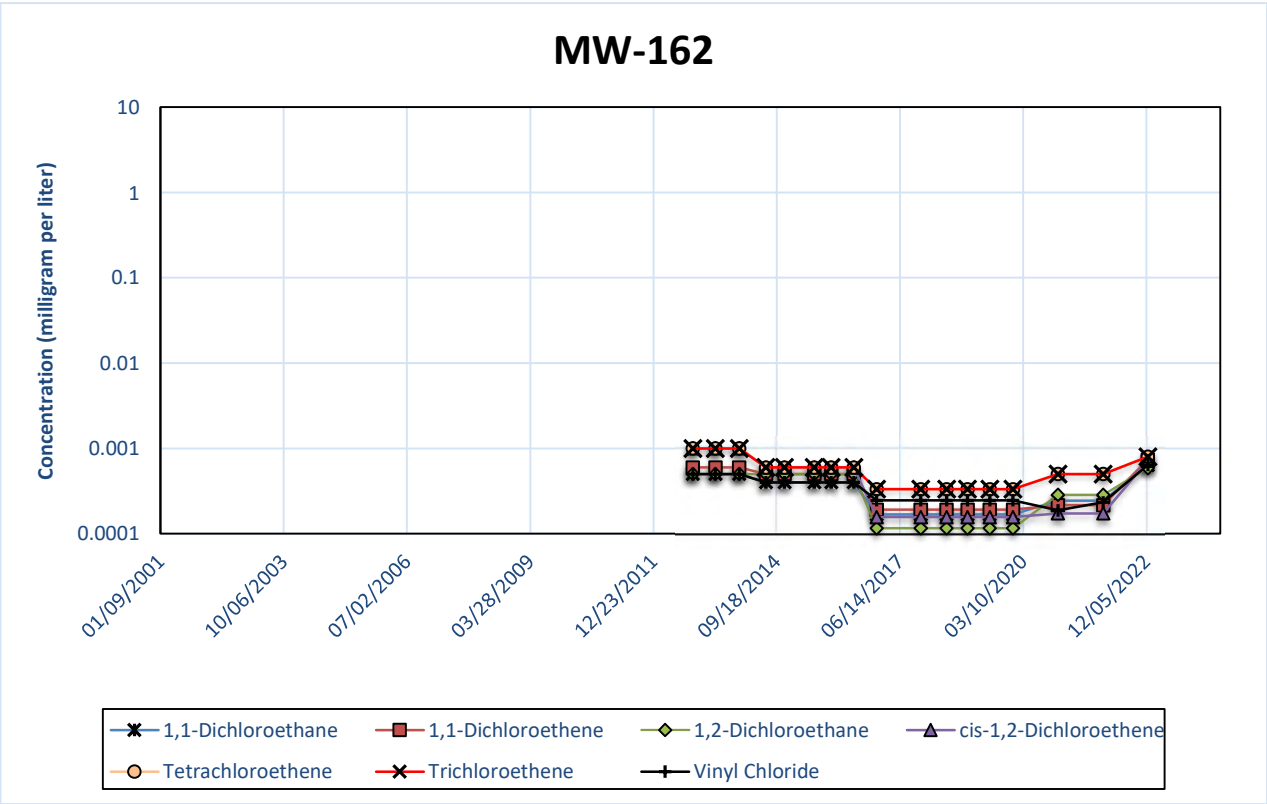

MW-145
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

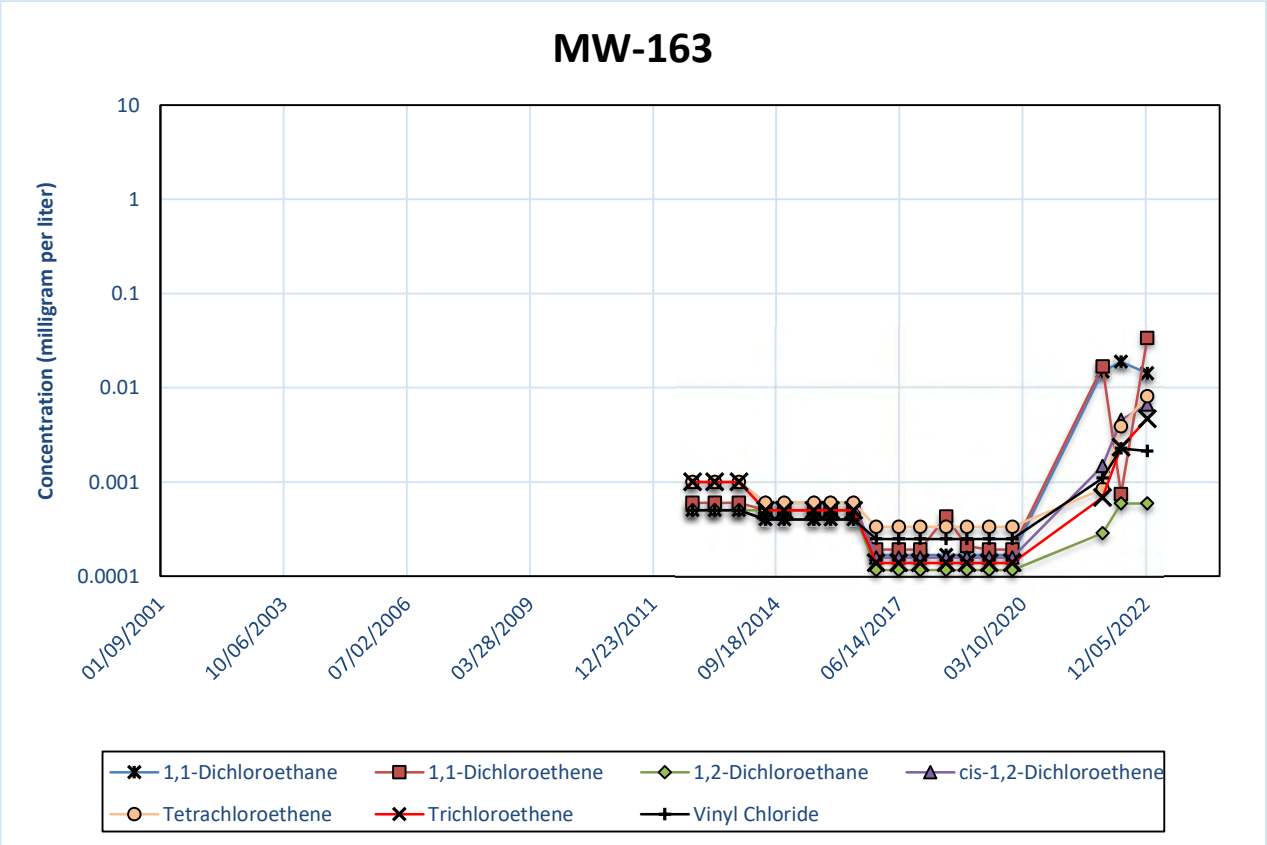

MW-146
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

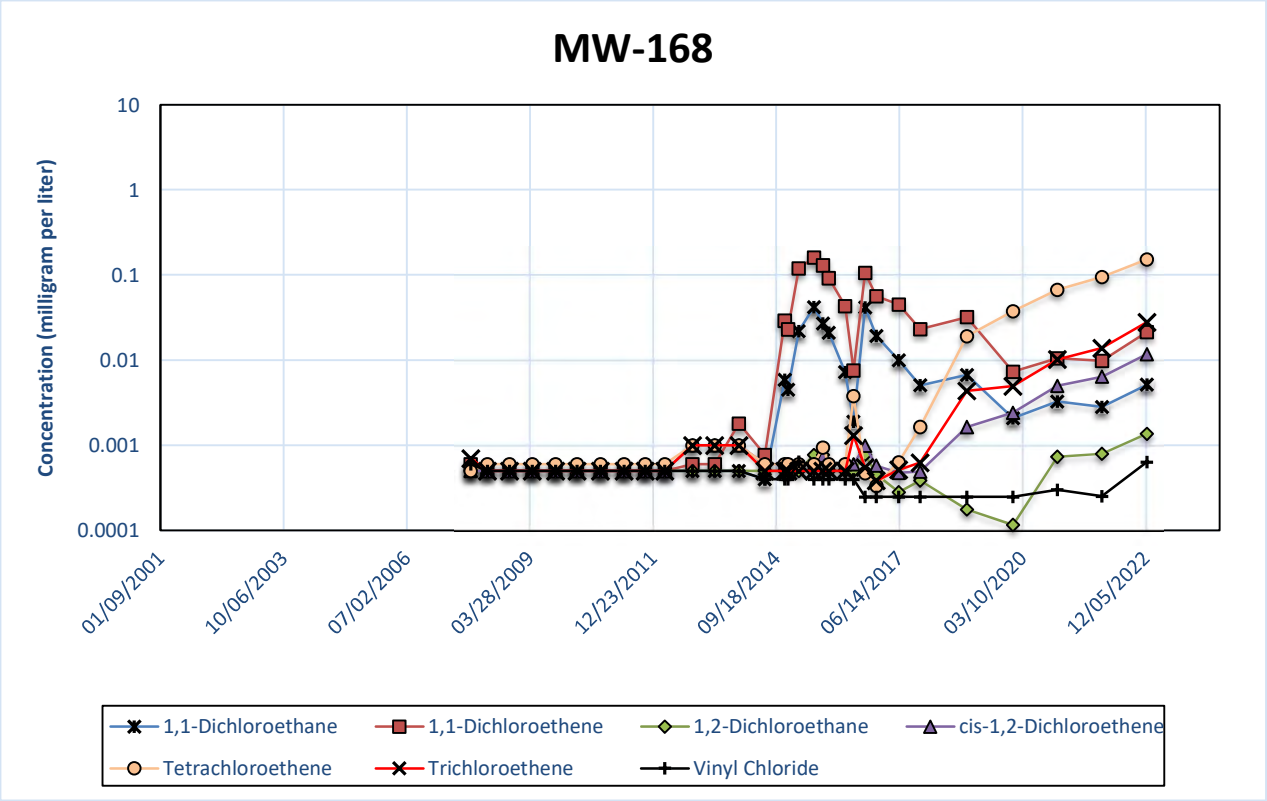

MW-147
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-160
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-161
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

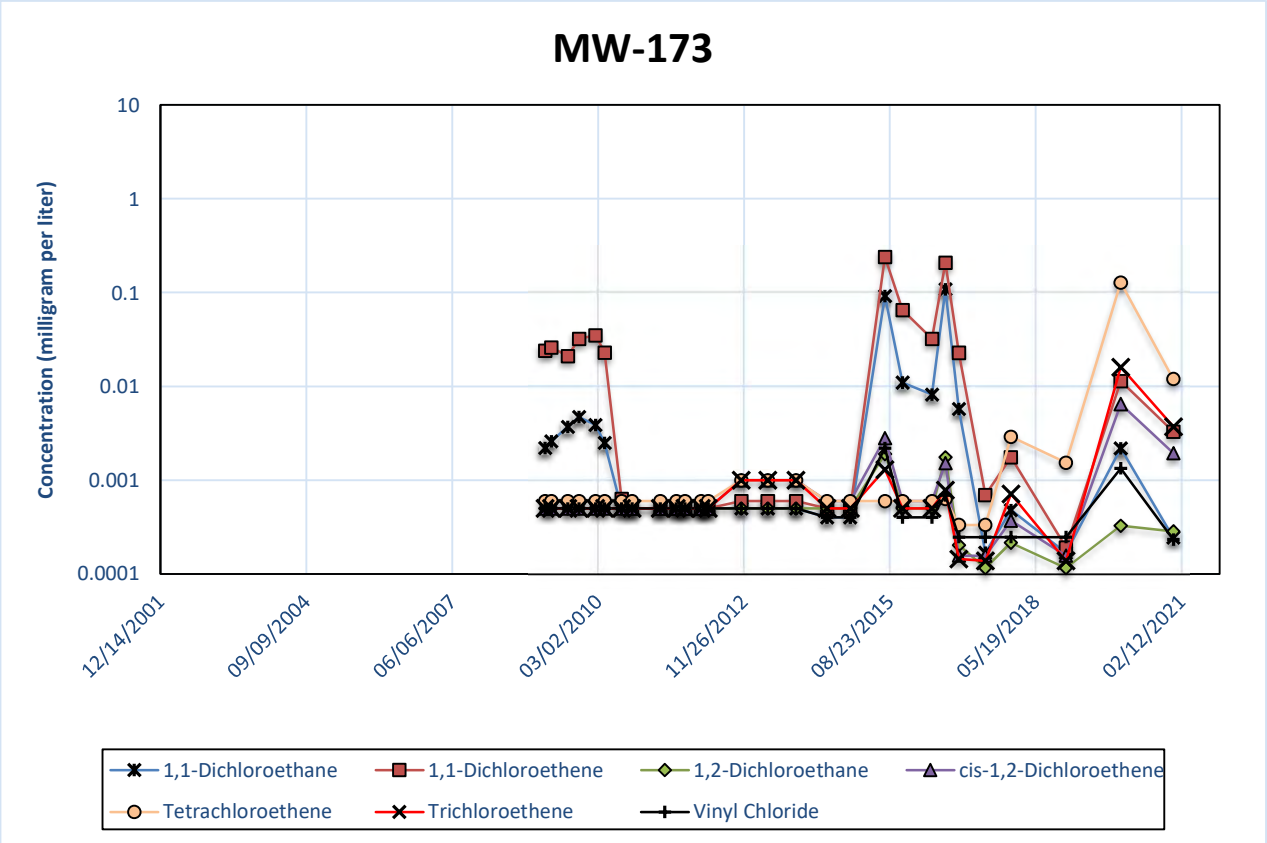

MW-162
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/09/2001
10/06/2003
07/02/2006
03/28/2009
12/23/2011
09/18/2014
06/14/2017
03/10/2020
12/05/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

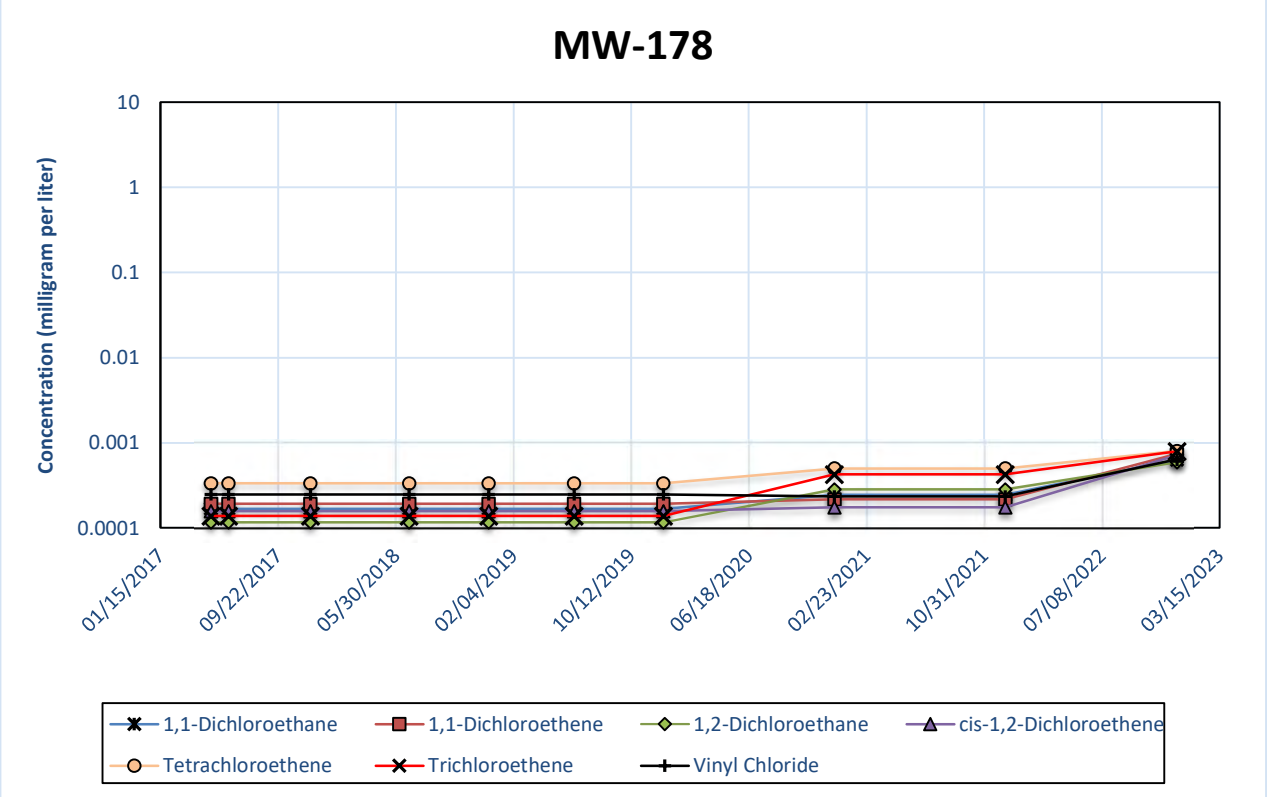


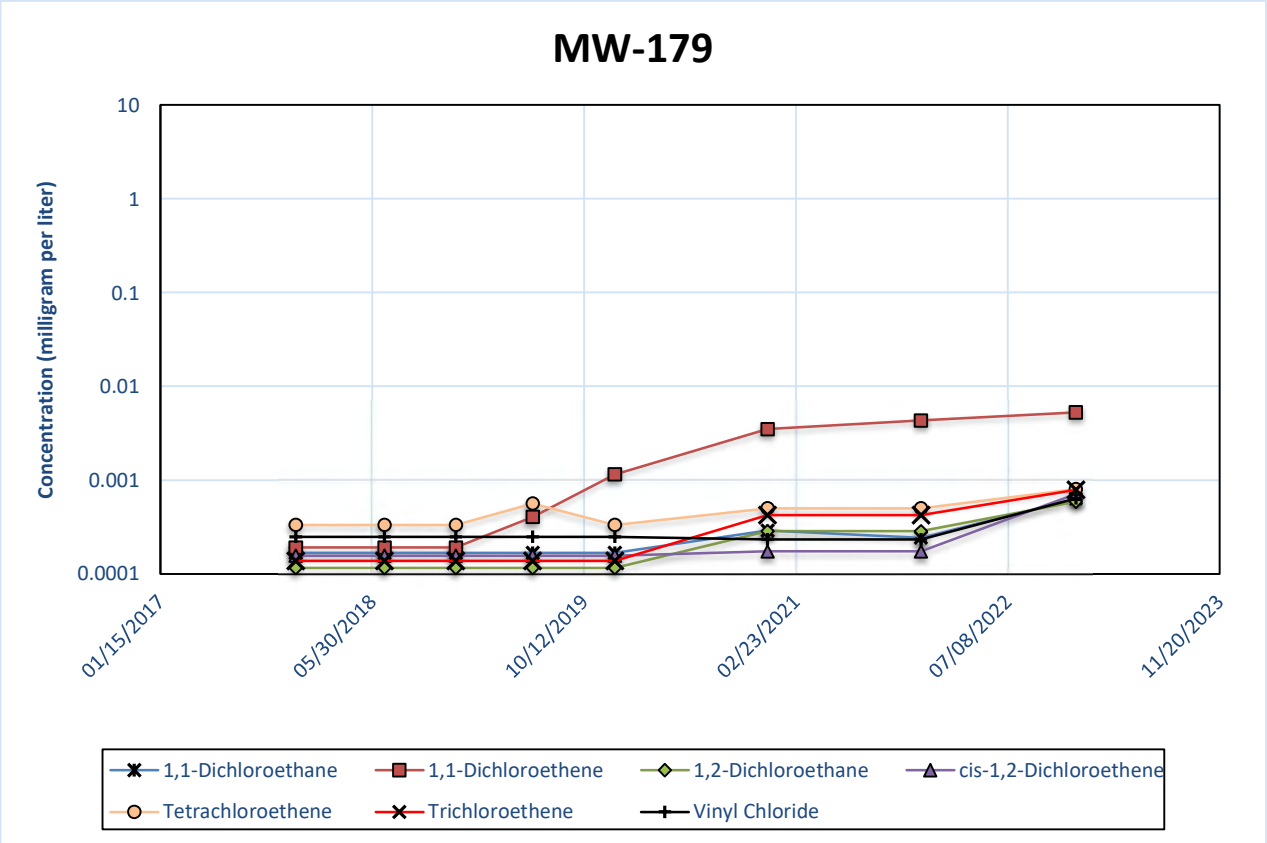


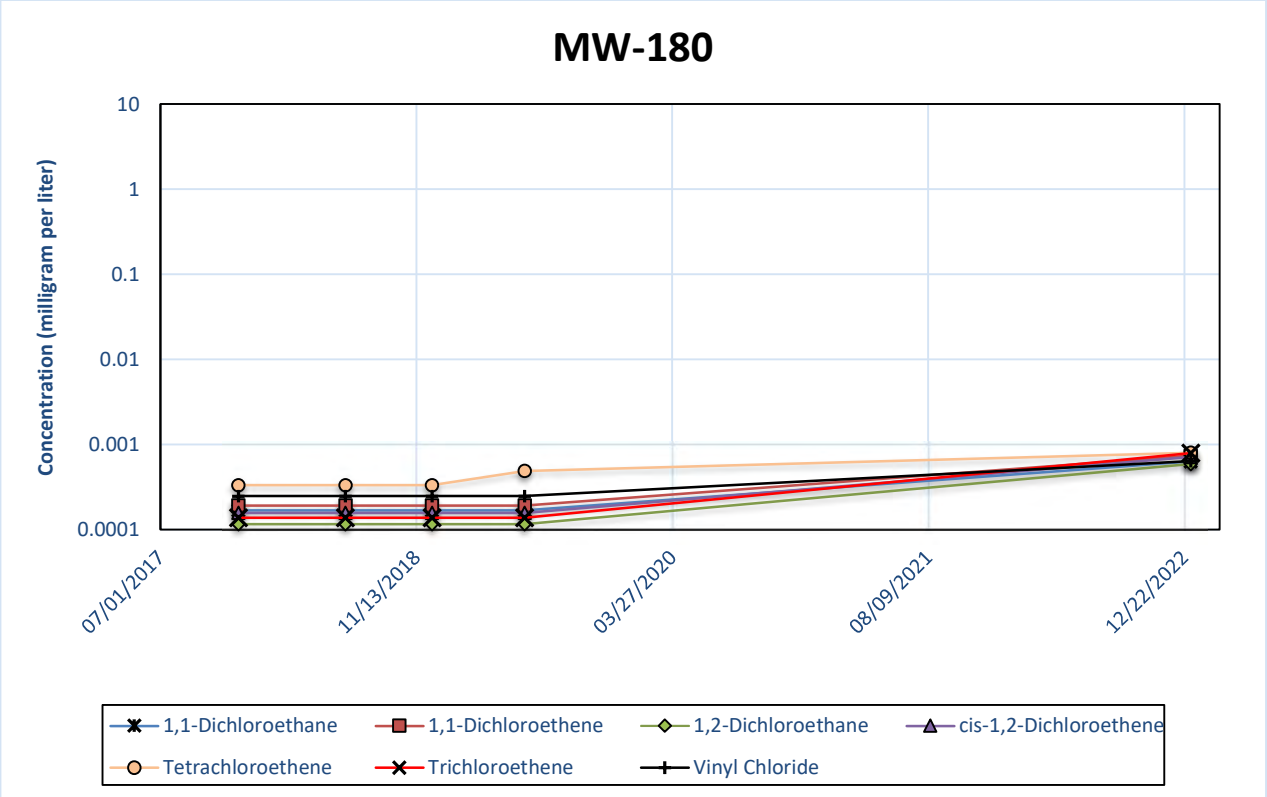
Appendix D.
Concentration versus Time Graphs
2022 Response Action Effectiveness Report
Former Cameron Iron Works Facility, Houston, TX

CH2M HILL Engineers, Inc.


MW-173
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
12/14/2001
09/09/2004
06/06/2007
03/02/2010
11/26/2012
08/23/2015
05/19/2018
02/12/2021
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-178
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/15/2017
09/22/2017
05/30/2018
02/04/2019
10/12/2019
06/18/2020
02/23/2021
10/31/2021
07/08/2022
03/15/2023
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-179
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
01/15/2017
05/30/2018
10/12/2019
02/23/2021
07/08/2022
11/20/2023
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride


MW-180
Concentration (milligram per liter)
10
1
0.1
0.01
0.001
0.0001
07/01/2017
11/13/2018
03/27/2020
08/09/2021
12/22/2022
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
cis-1,2-Dichloroethene
Tetrachloroethene
Trichloroethene
Vinyl Chloride

Appendix E
Historical Data

Appendix E. Historical Data

2022 Annual Response Action Effectiveness Report

Former Cameron Iron Works Facility, Houston, Texas

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-01	10/24/1991	< 0.005	**0.34**	< 0.005	--	< 0.005	< 0.005	< 0.01
MW-01	12/04/1995	< 0.0047	**0.0469**	< 0.0028	--	**0.0023**	< 0.0041	< 0.005
MW-01	01/30/1996	< 0.0047	**0.0466**	< 0.0028	--	< 0.005	< 0.0041	< 0.002
MW-01	06/21/1996	< 0.0047	**0.0329**	< 0.0028	--	< 0.005	< 0.0041	< 0.01
MW-01	01/23/1997	< 0.005	**0.03**	< 0.005	--	< 0.005	< 0.005	< 0.005
MW-01	06/08/1998	--	**0.016**	--	--	--	--	--
MW-01	05/14/1999	**0.007**	**0.039**	< 0.001	< 0.001	< 0.005	< 0.001	< 0.001
MW-01	04/11/2000	**0.003 J**	**0.033**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	06/09/2000	**0.003 J**	**0.027**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	09/13/2000	< 0.005	**0.027**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	12/07/2000	< 0.005	**0.03**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	03/20/2001	< 0.005	**0.033**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	06/20/2001	**0.0082**	**0.028**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	09/19/2001	< 0.005	**0.031**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	12/05/2001	< 0.005	**0.036**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	03/05/2002	< 0.005	**0.067**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	06/19/2002	**0.0088**	**0.19**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	09/17/2002	**0.008**	**0.17**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	12/10/2002	**0.0091**	**0.16**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-01	03/17/2003	**0.01**	**0.12 JL**	< 0.005	< 0.005 UJL	< 0.005 UJL	< 0.005 UJL	< 0.002
MW-01	06/16/2003	**0.012**	**0.12 JL**	< 0.00063 UJ	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-01	09/15/2003	**0.014**	**0.13**	< 0.00063	**0.0013 J**	< 0.00074	< 0.001	**0.005**
MW-01	04/29/2004	--	**0.13**	--	< 0.00074	< 0.0007	< 0.00043	**0.0055**
MW-01	10/26/2005	--	**0.1**	--	**0.0012 J**	< 0.0007	< 0.0005	**0.0072**
MW-01	04/26/2006	--	**0.14**	--	**0.0011 J**	< 0.0007	< 0.0005	**0.01**
MW-01	10/25/2006	--	**0.13**	--	**0.0012 J**	< 0.0007	< 0.0005	**0.0036**
MW-01	10/16/2007	--	**0.015**	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-01	04/16/2008	--	**0.0085**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	10/17/2008	--	< 0.0005 J	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	04/16/2009	--	**0.0015 J**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	10/20/2009	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	04/15/2010	--	**0.0015 J**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	10/19/2010	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	04/25/2011	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	10/20/2011	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	03/27/2012	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-01	11/06/2012	--	< 0.0006	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-01	05/08/2013	--	**0.0056**	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-01	11/26/2013	**0.0018 J**	**0.0061**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-01	06/26/2014	--	**0.0075**	--	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-01	11/19/2014	--	**0.0041 J**	--	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-01	11/23/2015	**0.0013 J**	**0.0047 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-01	12/08/2016	**0.000919 J**	**0.00284**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	**0.000351 J**
MW-01	11/29/2017	**0.00102**	**0.00313**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-01	12/13/2018	**0.00135**	**0.00541**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248 UJ
MW-01	12/19/2019	**0.00108**	**0.00356**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-01	12/16/2020	**0.00049 J**	**0.00159**	< 0.000172	< 0.000121	< 0.000317	< 0.000189	< 0.0003
MW-01	12/14/2021	**0.000584 J**	**0.00164**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-01	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-15R	09/15/2003	**0.0082**	**0.06**	< 0.00063	**0.0047 J**	**0.0067**	**0.0082**	< 0.00093
MW-15R	04/27/2004	**0.014**	**0.091**	< 0.00038	**0.0077**	**0.012**	**0.011**	< 0.00079
MW-15R	07/22/2004	**0.037**	**0.19**	< 0.00038	**0.019**	**0.029**	**0.026**	**0.0038**
MW-15R	10/27/2004	**0.025**	**0.15**	< 0.00038	**0.014**	**0.024**	**0.02**	< 0.00079
MW-15R	04/26/2005	**0.0087**	**0.06**	< 0.00038	**0.0061**	**0.0092**	**0.0097**	< 0.00079
MW-15R	10/25/2005	**0.016**	**0.081**	**0.0007 J**	**0.0095**	**0.017**	**0.016**	**0.0027**
MW-15R	04/25/2006	**0.016**	**0.081**	< 0.0005	**0.0076**	**0.013**	**0.016**	< 0.0006
MW-15R	10/25/2006	**0.013**	**0.039**	< 0.0005	**0.0084**	**0.0057**	**0.017**	< 0.0006
MW-15R	04/25/2007	**0.023**	**0.063**	< 0.0005	**0.015**	**0.0063**	**0.021**	< 0.0006
MW-15R	10/16/2007	**0.029**	**0.058**	< 0.0005	**0.019**	**0.0098**	**0.029**	< 0.0006
MW-15R	04/15/2008	**0.021**	**0.037**	< 0.0005	**0.014**	**0.0062**	**0.015**	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-15R	10/16/2008	**0.0078**	**0.02**	< 0.0005	**0.0064**	**0.0039 J**	**0.012**	< 0.0005
MW-15R	04/13/2009	< 0.0005	**0.0019 J**	< 0.0005	**0.00077 J**	< 0.0005	**0.00077 J**	< 0.0005
MW-15R	10/21/2009	< 0.0005	**0.0018 J**	< 0.0005	**0.00066 J**	< 0.0005	< 0.0006	< 0.0005
MW-15R	04/15/2010	**0.0076**	**0.022**	< 0.0005	**0.0054**	**0.0036 J**	**0.015**	< 0.0005
MW-15R	10/19/2010	**0.003 J**	**0.011**	< 0.0005	**0.0015 J**	**0.0011 J**	**0.0053**	< 0.0005
MW-15R	04/27/2011	< 0.0005	**0.0012 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-15R	10/18/2011	**0.00055 J**	**0.00078 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-15R	03/27/2012	**0.0019 J**	**0.0084**	< 0.0005	< 0.0005	< 0.0005	**0.0022 J**	< 0.0005
MW-15R	11/08/2012	**0.0051**	**0.028**	**0.001 J**	< 0.001	**0.0016 J**	**0.008**	< 0.0005
MW-15R	05/06/2013	**0.0075**	**0.041**	**0.001 J**	< 0.001	**0.0015 J**	**0.0081**	< 0.0005
MW-15R	11/26/2013	**0.0039 J**	**0.022**	< 0.0005	< 0.001	**0.001 J**	**0.0038 J**	< 0.0005
MW-15R	06/19/2014	**0.0076 JL**	**0.036**	**0.00074 J**	< 0.0006	**0.0011 J**	**0.0039 J**	< 0.0004
MW-15R	11/20/2014	**0.0034 J**	**0.018**	**0.00082 J**	< 0.0006	**0.0018 J**	**0.0066**	< 0.0004
MW-15R	11/20/2015	< 0.0004	**0.0058**	< 0.0005	< 0.0006	**0.0006 J**	**0.0028 J**	< 0.0004
MW-15R	11/29/2017	< 0.000168	**0.000454 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-15R	12/13/2018	**0.000353 J**	**0.00488**	< 0.000116	< 0.000157	**0.000193 J**	< 0.000333	< 0.000248 UJ
MW-15R	12/18/2019	**0.00234**	**0.0164**	< 0.000116	< 0.000157	**0.000304 J**	< 0.000333	**0.00071 J**
MW-15R	12/16/2020	**0.00156**	**0.0165 JL**	< 0.000285	**0.00023 J**	< 0.000424	< 0.0005	< 0.000234 UJL
MW-15R	12/14/2021	**0.00303**	**0.0403**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	**0.00205**
MW-15R	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-16R	09/15/2003	**0.033**	**0.031**	< 0.00063	**0.0068**	**0.015**	**0.011**	**0.003**
MW-16R	04/29/2004	**0.025**	**0.071**	< 0.00038	< 0.00074	**0.0071**	< 0.00043	< 0.00079
MW-16R	07/22/2004	**0.041**	**0.12**	< 0.00038	< 0.00074	**0.011**	**0.01**	< 0.00079
MW-16R	10/27/2004	**0.074**	**0.56**	**0.0016 J**	**0.0076**	**0.0063**	**0.016**	< 0.00079
MW-16R	04/27/2005	**0.021**	**0.094**	< 0.00038	**0.003 J**	**0.0052**	**0.0041 J**	< 0.00079
MW-16R	10/25/2005	**0.016**	**0.053**	< 0.0005	**0.0025 J**	**0.0042 J**	**0.0035 J**	< 0.0006
MW-16R	04/25/2006	**0.029**	**0.16**	< 0.0005	**0.005 J**	**0.004 J**	**0.0048 J**	< 0.0006
MW-16R	10/25/2006	**0.026**	**0.095**	**0.00066 J**	**0.0054**	**0.006**	**0.004 J**	< 0.0006
MW-16R	04/25/2007	**0.028**	**0.062**	< 0.0005	**0.01**	**0.01**	**0.0048 J**	< 0.0006
MW-16R	10/16/2007	**0.0048 J**	**0.0062**	< 0.0005	**0.025**	**0.015**	**0.0077**	**0.0023**
MW-16R	04/15/2008	**0.049**	**0.16**	**0.0014 J**	**0.21**	**0.096**	**0.055**	**0.015**
MW-16R	10/16/2008	**0.035**	**0.12**	**0.00069 J**	**0.16**	**0.097**	**0.042**	**0.016**
MW-16R	04/13/2009	**0.013**	**0.034**	< 0.0005	**0.047**	**0.02**	**0.0075**	**0.0037**
MW-16R	10/23/2009	**0.027**	**0.051**	**0.00061 J**	**0.023**	**0.0078**	**0.0028 J**	**0.0057**
MW-16R	04/16/2010	**0.023**	**0.048**	**0.00063 J**	**0.019**	**0.0068**	**0.0026 J**	**0.0046**
MW-16R	03/27/2012	**0.012**	**0.012**	< 0.0005	**0.0051**	< 0.0005	< 0.0006	**0.0013 J**
MW-16R	11/08/2012	**0.0071**	**0.006**	< 0.0005	**0.0027 J**	< 0.001	< 0.001	< 0.0005
MW-16R	05/03/2013	**0.0033 J**	**0.0018 J**	< 0.0005	**0.001 J**	< 0.001	< 0.001	< 0.0005
MW-16R	11/26/2013	**0.0017 J**	**0.00084 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-16R	06/20/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004 UJ
MW-16R	11/20/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-16R	11/23/2015	**0.00057 J**	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-16R	11/29/2017	**0.0231**	**0.0614**	**0.00135**	**0.013**	**0.0101**	**0.00526**	**0.00234**
MW-16R	12/13/2018	**0.0157**	**0.0331**	**0.000835 J**	**0.00689**	**0.00873**	**0.00447**	**0.00423**
MW-16R	12/18/2019	**0.0181**	**0.0293**	**0.000873 J**	**0.00815**	**0.0126**	**0.0161**	**0.00387**
MW-16R	12/16/2020	**0.0163**	**0.017**	**0.00068 J**	**0.0155**	**0.0104**	**0.015**	**0.00729**
MW-16R	12/15/2022	**0.025**	**0.0351**	< 0.00059	**0.00403**	**0.00823**	**0.0392**	**0.00301**
MW-17R	09/15/2003	**0.0016 J**	**0.1**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-17R	10/13/2003	**0.0018 J**	**0.12**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-17R	12/09/2003	< 0.00039	**0.083**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-17R	04/27/2004	< 0.00043	**0.0039 J**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-17R	10/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-17R	04/26/2005	**0.014**	**0.071**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-17R	10/25/2005	**0.0052**	**0.024**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-17R	04/25/2006	**0.0022 J**	**0.011**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-17R	10/25/2006	**0.001 J**	**0.0048 J**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-17R	04/25/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-17R	10/17/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-17R	11/14/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	04/13/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-17R	10/22/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	04/14/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	10/19/2010	**0.0011 J**	**0.0011 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	04/27/2011	**0.00068 J**	**0.00068 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	10/18/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	03/27/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-17R	11/06/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-17R	05/06/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-17R	11/26/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-17R	06/20/2014	< 0.0004 R	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-17R	11/20/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-17R	11/20/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-17R	12/06/2016	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-17R	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-17R	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248 UJ
MW-17R	12/19/2019	< 0.000168	< 0.000192	< 0.000116	**0.000984 J**	**0.000735 J**	**0.000598 J**	< 0.000248
MW-17R	12/16/2020	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-17R	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-17R	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-50R	04/21/2011	--	**0.34**	--	**0.048**	**0.025**	**0.0067**	**0.61**
MW-50R	10/18/2011	--	**0.016**	--	**0.0021 J**	**0.00089 J**	< 0.0006	**0.03**
MW-50R	03/27/2012	--	**0.3**	--	**0.038**	**0.023**	**0.0063**	**0.24**
MW-50R	11/06/2012	--	**0.069**	--	**0.0078**	**0.015**	**0.0068**	**0.027**
MW-50R	05/08/2013	--	**0.17**	--	**0.021**	**0.02**	**0.01**	**0.13**
MW-50R	12/05/2013	--	**0.14**	--	**0.026**	**0.03**	**0.012**	**0.11**
MW-50R	06/26/2014	--	**0.19**	--	**0.036**	**0.046**	**0.011**	**0.12**
MW-50R	11/19/2014	--	**0.049**	--	**0.0093**	**0.019**	**0.0075**	**0.032**
MW-50R	11/23/2015	**0.52**	**0.085**	**0.0037 J**	**0.037**	**0.066**	**0.016**	**0.085**
MW-50R	12/06/2016	**0.215**	**0.0103**	**0.00161**	**0.00917**	**0.0171**	**0.00423**	**0.027**
MW-50R	11/28/2017	**0.0562**	**0.00262**	**0.000651 J**	**0.0026**	**0.0064**	< 0.000333	**0.00227**
MW-50R	12/13/2018	**1.25**	**0.00543**	**0.00114**	**0.0104**	**0.0192**	**0.000798 J**	**0.0306 J**
MW-50R	12/18/2019	**0.0399**	< 0.000192	< 0.000116	**0.000319 J**	**0.000573 J**	< 0.000333	**0.000963 J**
MW-50R	12/16/2020	**0.412 JL**	< 0.000216	**0.00261**	**0.00877**	**0.0112**	**0.00058 J**	< 0.000234
MW-50R	12/14/2021	**0.00622 J**	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-50R	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-65	02/09/2001	**0.12**	**0.025**	< 0.005	**0.02**	< 0.005	< 0.005	< 0.002
MW-65	03/20/2001	**0.2**	**0.041**	< 0.005	**0.027**	< 0.005	< 0.005	< 0.002
MW-65	06/20/2001	**0.16**	**0.031**	< 0.005	**0.018**	< 0.005	< 0.005	< 0.002
MW-65	09/19/2001	**0.13**	**0.03**	< 0.005	**0.018**	< 0.005	< 0.005	< 0.002
MW-65	12/05/2001	**0.094**	**0.027**	< 0.005	**0.013**	< 0.005	< 0.005	**0.0026**
MW-65	03/07/2002	**0.093**	**0.025**	< 0.005	**0.012**	< 0.005	< 0.005	**0.0028**
MW-65	06/19/2002	**0.094**	**0.028**	< 0.005	**0.0099**	< 0.005	< 0.005	**0.0033**
MW-65	09/18/2002	**0.083**	**0.023**	< 0.005	**0.01**	< 0.005	< 0.005	**0.0038**
MW-65	12/11/2002	**0.069**	**0.016**	< 0.005	**0.011**	< 0.005	< 0.005	**0.0031**
MW-65	03/19/2003	**0.072**	**0.017**	< 0.005	**0.011**	< 0.005	< 0.005	**0.0046 JH**
MW-65	06/19/2003	**0.088**	**0.016**	< 0.00063	**0.0091**	< 0.00074	< 0.001	**0.0052**
MW-65	09/16/2003	**0.086**	**0.015**	< 0.00063	**0.0093**	< 0.00074	< 0.001	**0.0052**
MW-65	04/26/2004	--	**0.011**	--	**0.0057**	< 0.0007	< 0.00043	**0.0039**
MW-65	10/26/2004	--	**0.0091**	--	**0.0066**	< 0.0007	< 0.00043	**0.0041**
MW-65	04/25/2005	--	**0.0086**	--	**0.0055**	< 0.0007	< 0.00043	< 0.00079
MW-65	10/26/2005	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-65	04/26/2006	--	**0.0077**	--	**0.0046 J**	< 0.0007	< 0.0005	**0.0038**
MW-65	10/25/2006	--	**0.0064**	--	**0.0053**	< 0.0007	< 0.0005	**0.0029**
MW-65	04/25/2007	--	**0.0082**	--	**0.0066**	< 0.0007	< 0.0005	< 0.0006
MW-65	10/18/2007	--	**0.0047 J**	--	**0.0034 J**	< 0.0007	< 0.0005	**0.0026**
MW-65	04/17/2008	--	**0.0038 J**	--	**0.0025 J**	< 0.0005	< 0.0006	< 0.0005
MW-65	10/13/2008	--	**0.0025 J**	--	**0.0021 J**	< 0.0005	< 0.0006	**0.0024**
MW-65	04/13/2009	--	**0.0038 J**	--	**0.0029 J**	< 0.0005	< 0.0006	**0.0023**
MW-65	10/21/2009	--	**0.0025 J**	--	**0.0027 J**	< 0.0005	< 0.0006	**0.0023**
MW-65	04/15/2010	--	**0.0035 J**	--	**0.0026 J**	< 0.0005	< 0.0006	**0.0036**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-65	10/19/2010	--	**0.0014 J**	--	**0.001 J**	< 0.0005	< 0.0006	**0.0019 J**
MW-65	04/25/2011	--	**0.00088 J**	--	**0.0011 J**	< 0.0005	< 0.0006	**0.0015 J**
MW-65	10/19/2011	--	**0.0015 J**	--	**0.0022 J**	< 0.0005	< 0.0006	**0.0019 J**
MW-65	03/27/2012	--	**0.0023 J**	--	**0.0031 J**	< 0.0005	< 0.0006	**0.0024**
MW-65	11/08/2012	--	**0.0017 J**	--	< 0.001	< 0.001	< 0.001	**0.0014 J**
MW-65	05/07/2013	--	**0.0023 J**	--	**0.0027 J**	< 0.001	< 0.001	**0.0011 J**
MW-65	11/19/2013	**0.023**	**0.0023 J**	< 0.0005	**0.0043 J**	< 0.001	< 0.001	**0.0021**
MW-65	06/25/2014	--	**0.0029 J**	--	**0.004 J**	< 0.0005	< 0.0006	**0.0021**
MW-65	11/17/2014	--	**0.0029 J**	--	**0.0049 J**	**0.00053 J**	< 0.0006	**0.0019 J**
MW-65	07/20/2015	**0.035**	**0.006**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	**0.0013 J**
MW-65	11/23/2015	**0.02**	**0.0042 J**	< 0.0005	**0.0043 J**	**0.00062 J**	< 0.0006	**0.0013 J**
MW-65	06/06/2016	**0.017**	**0.055**	< 0.0005	**0.0049 J**	**0.0027 J**	**0.011**	**0.00096 J**
MW-65	12/06/2016	**0.009**	**0.00359**	< 0.000116	**0.00154**	**0.000326 J**	**0.000804 J**	**0.000667 J**
MW-65	11/28/2017	**0.00682**	**0.00363 J**	**0.000217 J**	**0.00156**	**0.000371 J**	**0.000541 J**	**0.000355 J**
MW-65	12/13/2018	**0.00462**	**0.000642 J**	< 0.000116	**0.000544 J**	< 0.000138	< 0.000333	< 0.000248 UJ
MW-65	12/19/2019	**0.00665**	**0.00669 J**	< 0.000116	**0.00261**	**0.000729 J**	**0.000656 J**	**0.00151 J**
MW-65	12/16/2020	**0.00557**	**0.00661**	< 0.000172	**0.00209**	**0.000725 J**	**0.000534 J**	**0.000588 J**
MW-65	12/14/2021	**0.00592**	**0.00906**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-65	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-70	02/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	03/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	06/18/2001	**0.0081**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	09/17/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	03/04/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	06/18/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	12/10/2002	< 0.005	< 0.005	< 0.005	**0.0076**	< 0.005	< 0.005	< 0.002
MW-70	03/17/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-70	06/17/2003	**0.0029 J**	**0.0015 J**	< 0.00063	**0.0043 J**	< 0.00074	< 0.001	< 0.00093
MW-70	09/15/2003	**0.0041 J**	**0.0023 J**	< 0.00063	**0.0082**	**0.0018 J**	< 0.001	< 0.00093
MW-70	04/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-70	10/26/2004	**0.011**	**0.015**	< 0.00038	**0.0082**	**0.0018 J**	< 0.00043	< 0.00079
MW-70	12/10/2004	**0.011**	**0.0094**	< 0.00038	**0.0074**	< 0.0007	< 0.00043	< 0.00079
MW-70	01/26/2005	**0.0087**	**0.0074**	< 0.00038	**0.0078**	**0.0017 J**	< 0.00043	< 0.00079
MW-70	04/28/2005	**0.011**	**0.0067**	< 0.00038	**0.012**	**0.0021 J**	< 0.00043	**0.00093 J**
MW-70	07/19/2005	**0.013**	**0.0059**	< 0.0005	**0.011**	**0.0016 J**	< 0.0005	< 0.0006
MW-70	10/26/2005	**0.011**	**0.0035 J**	< 0.0005	**0.0073**	**0.0012 J**	< 0.0005	< 0.0006
MW-70	01/17/2006	**0.011**	**0.0032 J**	< 0.0005	**0.0065**	**0.0011 J**	< 0.0005	< 0.0006
MW-70	04/25/2006	**0.0079**	< 0.0006	< 0.0005	**0.0047 J**	< 0.0007	< 0.0005	< 0.0006
MW-70	07/18/2006	**0.011**	**0.0029 J**	< 0.0005	**0.0063**	**0.0012 J**	< 0.0005	< 0.0006
MW-70	10/26/2006	**0.009**	**0.0015 J**	< 0.0005	**0.0057**	**0.0013 J**	< 0.0005	< 0.0006
MW-70	02/05/2007	**0.0059**	< 0.0006	< 0.0005	**0.0032 J**	< 0.0007	**0.007**	< 0.0006
MW-70	02/16/2007	**0.0057**	< 0.0006	< 0.0005	**0.0033 J**	< 0.0007	< 0.0005	< 0.0006
MW-70	04/24/2007	**0.0075**	< 0.0006	< 0.0005	**0.0055**	**0.0016 J**	< 0.0005	< 0.0006
MW-70	07/31/2007	**0.01**	**0.00088 J**	< 0.0005	**0.018**	**0.0058**	**0.00069 J**	**0.0015 J**
MW-70	08/28/2007	--	--	--	--	**0.0064**	--	--
MW-70	10/17/2007	**0.014**	**0.0026 J**	< 0.0005	**0.032**	**0.01**	**0.0012 J**	**0.0025**
MW-70	11/28/2007	**0.012**	**0.0034 J**	< 0.0005	**0.035**	**0.014**	**0.0014 J**	**0.0017 J**
MW-70	01/22/2008	**0.021**	**0.0072**	< 0.0005	**0.053**	**0.015**	**0.0013 J**	**0.0031**
MW-70	04/15/2008	**0.019**	**0.0087**	< 0.0005	**0.056**	**0.017**	**0.0015 J**	**0.002 J**
MW-70	07/14/2008	**0.03**	**0.015**	< 0.0005	**0.09**	**0.027**	**0.0023 J**	**0.0041**
MW-70	10/14/2008	**0.036**	**0.025**	**0.00051 J**	**0.1**	**0.038**	**0.0024 J**	**0.0052**
MW-70	04/15/2009	**0.035**	**0.026**	< 0.0005	**0.14**	**0.047**	**0.001 J**	**0.0051**
MW-70	10/23/2009	**0.051**	**0.075**	**0.00058 J**	**0.26**	**0.17**	**0.0017 J**	**0.014**
MW-70	04/14/2010	**0.026**	**0.056**	< 0.0005	**0.2**	**0.11**	**0.0019 J**	**0.0054**
MW-70	10/19/2010	**0.032**	**0.086**	< 0.0005	**0.19**	**0.12**	**0.0027 J**	**0.011**
MW-70	04/28/2011	**0.031**	**0.1**	< 0.0005	**0.16**	**0.11**	**0.0049 J**	**0.0098**
MW-70	10/18/2011	**0.025**	**0.071**	< 0.0005	**0.078**	**0.048**	**0.0031 J**	**0.0053**
MW-70	03/27/2012	**0.056**	**0.15**	**0.0011 J**	**0.061**	**0.037**	**0.01**	**0.0066**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-70	11/09/2012	**0.075**	**0.19**	**0.0017 J**	**0.044**	**0.038**	**0.029**	**0.006**
MW-70	05/03/2013	**0.076**	**0.17**	**0.0024 J**	**0.033**	**0.032**	**0.038**	**0.0059**
MW-70	11/21/2013	**0.093**	**0.19**	**0.0032 J**	**0.036**	**0.031**	**0.035**	**0.0061**
MW-70	06/17/2014	**0.081**	**0.15**	**0.0027 J**	**0.026**	**0.024**	**0.032**	**0.0039**
MW-70	11/20/2014	**0.075**	**0.15**	**0.0016 J**	**0.029**	**0.024**	**0.034**	**0.0033**
MW-70	11/20/2015	**0.0073**	**0.013**	< 0.0005	**0.0058**	**0.0031 J**	**0.0041 J**	< 0.0004
MW-70	12/07/2016	**0.0261**	**0.0454**	**0.00116**	**0.0335**	**0.0165**	**0.0278**	**0.00131 J**
MW-70	11/29/2017	**0.0135**	**0.0234**	< 0.000116	**0.0153**	**0.00717**	**0.0113**	< 0.000248
MW-70	12/13/2018	**0.003**	**0.00416**	< 0.000116	**0.0034**	**0.00108**	**0.0019**	< 0.000248
MW-70	12/19/2019	**0.00286**	**0.00744**	< 0.000116	**0.00255**	**0.0011**	**0.00134**	**0.0012 J**
MW-70	12/16/2020	< 0.000245	**0.00685**	< 0.000285	**0.0029**	**0.00073 J**	**0.0007 J**	< 0.000189
MW-70	12/14/2021	**0.000919 J**	**0.00145**	< 0.000285	**0.00115**	**0.000429 J**	< 0.0005	< 0.000234
MW-70	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-71	02/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	03/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	06/19/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	09/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	03/05/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	06/18/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	12/10/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	03/19/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-71	06/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-71	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-71	04/28/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-71	10/26/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-71	04/28/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-71	10/25/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-71	04/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-71	10/25/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-71	04/24/2007	< 0.0005	**0.0013 J**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-71	10/17/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-71	04/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	10/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	04/14/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	10/22/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006 UJ	< 0.0005
MW-71	04/14/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	10/20/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	04/26/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	10/18/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	03/28/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-71	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-71	05/08/2013	< 0.0005	**0.0029 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-71	11/21/2013	< 0.0005	**0.0018 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-71	06/24/2014	**0.00074 J**	**0.0082**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-71	08/21/2014	**0.00067 J**	**0.0077**	< 0.0005	< 0.0006	**0.00051 J**	< 0.0006	< 0.0004
MW-71	11/24/2014	**0.00079 J**	**0.01**	< 0.0005	< 0.0006	**0.00055 J**	< 0.0006	< 0.0004
MW-71	03/19/2015	**0.00099 J**	**0.014**	< 0.0005	< 0.0006	**0.00073 J**	< 0.0006	< 0.0004
MW-71	07/20/2015	< 0.0004	**0.025**	< 0.0005	< 0.0006	**0.0011 J**	< 0.0006	< 0.0004
MW-71	09/30/2015	**0.00045 J**	**0.0055**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-71	11/23/2015	< 0.0004	**0.0029 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-71	03/31/2016	< 0.0004	**0.0038 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-71	06/06/2016	< 0.0004	**0.0015 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-71	12/07/2016	< 0.000168	**0.000699 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-71	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-71	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-71	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-71	12/16/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189
MW-71	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-71	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-74	06/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	09/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	03/05/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	06/19/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	12/11/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	03/18/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-74	06/18/2003	< 0.00039	**0.0045 J**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-74	09/16/2003	< 0.00039	**0.0052**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-74	04/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-74	10/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-74	04/26/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-74	10/27/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-74	04/24/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-74	10/24/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-74	04/25/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-74	10/17/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-74	04/16/2008	< 0.0005	**0.00062 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	10/15/2008	< 0.0005	**0.0034 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	04/13/2009	< 0.0005	**0.0039 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	10/22/2009	< 0.0005	**0.02**	< 0.0005	< 0.0005	< 0.0005	< 0.0006 UJ	< 0.0005
MW-74	11/11/2009	< 0.0005	**0.022**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	02/12/2010	**0.00067 J**	**0.018**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	04/14/2010	< 0.0005	**0.016**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	08/10/2010	< 0.0005	**0.0077**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	10/19/2010	< 0.0005	**0.0045 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	02/11/2011	< 0.0005	**0.006**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	04/27/2011	< 0.0005	**0.006**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	08/23/2011	**0.0023 J**	**0.0066**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-74	10/20/2011	**0.0049 J**	**0.008**	< 0.0005	**0.0008 J**	< 0.0005	< 0.0006	< 0.0005
MW-74	02/06/2012	**0.014**	**0.015**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	**0.0013 J**
MW-74	03/27/2012	**0.024**	**0.017**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	**0.0022**
MW-74	08/21/2012	**0.067**	**0.021**	< 0.0005	< 0.001	< 0.001	< 0.001	**0.0055**
MW-74	11/06/2012	**0.094**	**0.023**	< 0.0005	**0.0029 J**	< 0.001	< 0.001	**0.0049**
MW-74	02/20/2013	**0.084**	**0.019**	< 0.0005	< 0.001	< 0.001	< 0.001	**0.0045**
MW-74	05/06/2013	**0.089**	**0.019**	< 0.0005	**0.0021 J**	< 0.001	< 0.001	**0.0048**
MW-74	08/30/2013	**0.088**	**0.018**	< 0.0005	**0.0019 J**	< 0.001	< 0.001	**0.0056**
MW-74	11/27/2013	**0.086**	**0.015**	< 0.0005	**0.0015 J**	< 0.001	< 0.001	**0.0051**
MW-74	01/30/2014	**0.079**	**0.014**	< 0.0005	**0.0018 J**	< 0.0005	< 0.0006	**0.0049**
MW-74	06/20/2014	**0.079 JL**	**0.012**	< 0.0005	**0.003 J**	**0.00068 J**	< 0.0006	**0.0065**
MW-74	08/21/2014	**0.052**	**0.011**	< 0.0005	**0.0048 J**	**0.0013 J**	< 0.0006	**0.0044**
MW-74	11/21/2014	**0.043**	**0.0067**	< 0.0005	**0.0024 J**	**0.00063 J**	**0.00067 J**	**0.0029**
MW-74	03/19/2015	**0.039**	**0.0073**	< 0.0005	**0.0025 J**	**0.00056 J**	< 0.0006	**0.0034**
MW-74	07/20/2015	**0.033**	**0.016**	< 0.0005	**0.0085**	**0.0014 J**	< 0.0006	**0.0019 J**
MW-74	09/30/2015	**0.021**	**0.011**	< 0.0005	**0.0062**	**0.001 J**	**0.00084 J**	**0.0019 J**
MW-74	11/20/2015	**0.021**	**0.009**	< 0.0005	**0.0048 J**	**0.00072 J**	< 0.0006	**0.0017 J**
MW-74	03/31/2016	**0.015**	**0.011**	< 0.0005	**0.0056**	**0.0013 J**	**0.0015 J**	**0.00092 J**
MW-74	06/06/2016	**0.017**	**0.016**	< 0.0005	**0.0087**	**0.002 J**	**0.0028 J**	**0.0013 J**
MW-74	09/08/2016	**0.0261**	**0.0334**	**0.000223 J**	**0.0124**	**0.00288**	**0.00457**	**0.00296**
MW-74	12/08/2016	**0.0165**	**0.0224**	**0.000157 J**	**0.00782**	**0.00257**	**0.00577**	**0.00237**
MW-74	06/08/2017	**0.0246**	**0.0339**	**0.00027 J**	**0.00672**	**0.00232**	**0.00549**	**0.00182 J**
MW-74	11/29/2017	**0.0159**	**0.017**	**0.000419 J**	**0.00296**	**0.000932 J**	**0.00126**	**0.00104 J**
MW-74	12/13/2018	**0.036**	**0.0868**	**0.000909 J**	**0.0167**	**0.0565**	**0.0865**	**0.00818 J**
MW-74	12/19/2019	**0.0124**	**0.0182**	**0.000191 J**	**0.0167**	**0.0383**	**0.0514**	**0.00455**
MW-74	12/16/2020	**0.0063**	**0.0114**	< 0.000285	**0.0129**	**0.0211**	**0.0386**	**0.0043**
MW-74	12/14/2021	< 0.000244	**0.00338**	< 0.000285	**0.0416**	**0.0088**	**0.00172**	**0.0182**
MW-74	12/14/2022	**0.00439**	**0.00318**	< 0.00059	**0.0192**	< 0.000791	**0.00118**	**0.00673**
MW-76	02/21/2001	< 0.005	**0.027**	< 0.005	**0.016**	**0.041**	**0.54**	< 0.002

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-76	03/21/2001	< 0.005	**0.036**	< 0.005	**0.021**	**0.062**	**0.49**	< 0.002
MW-76	06/20/2001	**0.0081**	**0.026**	< 0.005	**0.017**	**0.046**	**0.49**	< 0.002
MW-76	09/20/2001	< 0.005	**0.03**	< 0.005	**0.023**	**0.067**	**0.64**	< 0.002
MW-76	12/05/2001	< 0.005	**0.031**	< 0.005	**0.02**	**0.055**	**0.43**	< 0.002
MW-76	03/07/2002	< 0.005	**0.022**	< 0.005	**0.018**	**0.038**	**0.36**	< 0.002
MW-76	06/19/2002	< 0.005	**0.017**	< 0.005	**0.018**	**0.03**	**0.31**	< 0.002
MW-76	09/19/2002	< 0.005	**0.015**	< 0.005	**0.015**	**0.035**	**0.31**	< 0.002
MW-76	12/11/2002	< 0.005	**0.031**	< 0.005	**0.037**	**0.087**	**0.66**	< 0.002
MW-76	03/20/2003	< 0.005	**0.012 JL**	< 0.005	**0.013**	**0.019 JL**	**0.12 JL**	< 0.002
MW-76	06/19/2003	< 0.00039	**0.0098**	< 0.00063	**0.011**	**0.021**	**0.1**	< 0.00093
MW-76	09/17/2003	**0.0017 J**	**0.013**	< 0.00063	**0.014**	**0.025**	**0.13**	< 0.00093
MW-76	04/29/2004	< 0.00043	**0.01**	< 0.00038	**0.01**	**0.017**	**0.046**	< 0.00079
MW-76	10/27/2004	**0.003 J**	**0.013**	**0.0011 J**	**0.018**	**0.023**	**0.04**	**0.0022**
MW-76	04/27/2005	**0.0028 J**	**0.015**	< 0.00038	**0.019**	**0.028**	**0.049**	< 0.00079
MW-76	10/26/2005	**0.0016 J**	**0.0068**	**0.00056 J**	**0.012**	**0.016**	**0.023**	< 0.0006
MW-76	04/25/2006	< 0.0005	**0.0049 J**	< 0.0005	**0.0077**	**0.0079**	**0.011**	< 0.0006
MW-76	10/25/2006	**0.00085 J**	< 0.0006	< 0.0005	**0.0062**	**0.0063**	**0.0058**	< 0.0006
MW-76	04/24/2007	< 0.0005	< 0.0006	< 0.0005	**0.0017 J**	**0.0021 J**	**0.0028 J**	< 0.0006
MW-76	10/16/2007	**0.002 J**	**0.0027 J**	**0.0016 J**	**0.014**	**0.015**	**0.0087**	< 0.0006
MW-76	04/15/2008	**0.00085 J**	**0.00091 J**	**0.00069 J**	**0.005 J**	**0.0042 J**	**0.0042 J**	< 0.0005
MW-76	10/15/2008	**0.00052 J**	< 0.0005	< 0.0005	**0.0015 J**	**0.0011 J**	**0.0033 J**	< 0.0005
MW-76	04/15/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0021 J**	< 0.0005
MW-76	10/22/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0015 J**	< 0.0005
MW-76	04/14/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-76	10/21/2010	< 0.0005	< 0.0005	**0.0042 J**	< 0.0005	< 0.0005	**0.0016 J**	< 0.0005
MW-76	04/27/2011	< 0.0005	**0.002 J**	< 0.0005	< 0.0005	< 0.0005	**0.0011 J**	< 0.0005
MW-76	10/19/2011	**0.0036 J**	**0.011**	< 0.0005	**0.0011 J**	< 0.0005	**0.0008 J**	< 0.0005
MW-76	03/28/2012	**0.0026 J**	**0.01**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-76	11/06/2012	**0.0038 J**	**0.016**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-76	05/08/2013	**0.0045 J**	**0.016**	< 0.0005	**0.0012 J**	< 0.001	< 0.001	< 0.0005
MW-76	11/27/2013	< 0.0005	**0.014**	< 0.0005	**0.0015 J**	< 0.001	< 0.001	< 0.0005
MW-76	06/19/2014	**0.0045 J**	**0.01**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-76	11/17/2014	**0.0084**	**0.018**	< 0.0005	**0.0011 J**	**0.00069 J**	< 0.0006	< 0.0004
MW-76	11/23/2015	**0.0085**	**0.014**	< 0.0005	**0.0016 J**	**0.0011 J**	**0.001 J**	< 0.0004
MW-76	12/08/2016	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.00055 J**	< 0.000248
MW-76	11/30/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.000758 J**	< 0.000248
MW-76	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.000686 J**	< 0.000248
MW-76	12/20/2019	< 0.000168	**0.000319 J**	< 0.000116	< 0.000157	**0.000202**	**0.000944**	< 0.000248
MW-76	12/16/2020	< 0.000245 UJ	< 0.000216 UJ	< 0.000285	< 0.000174 UJ	< 0.000424	**0.00054 J**	< 0.000189 UJ
MW-76	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	**0.000577 J**	< 0.000234
MW-76	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-77	06/19/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	09/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	12/04/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	03/04/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	06/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	12/10/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	03/19/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-77	06/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-77	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-77	04/28/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-77	10/26/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-77	04/27/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-77	10/26/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-77	04/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-77	10/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-77	04/24/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-77	10/18/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-77	04/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-77	10/13/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	04/14/2009	< 0.0005	< 0.0005 UJ	< 0.0005	< 0.0005	< 0.0005 UJ	< 0.0006 UJ	< 0.0005 UJ
MW-77	08/06/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	10/23/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	04/14/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	10/20/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	04/28/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	10/18/2011	< 0.0005	< 0.0005	< 0.0005	**0.00092 J**	< 0.0005	< 0.0006	< 0.0005
MW-77	03/28/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-77	11/06/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-77	05/07/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-77	11/21/2013	**0.0058**	**0.026**	< 0.0005	**0.011**	**0.0089**	< 0.001	< 0.0005
MW-77	06/17/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-77	11/24/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-77	11/20/2015	**0.02**	**0.049**	**0.00074 J**	**0.0089**	**0.0089**	**0.0053**	**0.00061 J**
MW-77	03/31/2016	**0.0015 J**	**0.0049 J**	< 0.0005	**0.00098 J**	**0.0014 J**	**0.0022 J**	< 0.0004
MW-77	12/08/2016	**0.00674**	**0.0177**	**0.000305 J**	**0.00537**	**0.00459**	**0.0065**	**0.000272 J**
MW-77	11/30/2017	**0.00802**	**0.0287**	< 0.000116	**0.00574**	**0.0041**	**0.00352**	< 0.000248
MW-77	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-77	12/19/2019	< 0.000168	**0.00232**	< 0.000116	**0.000693 J**	< 0.000138	**0.000427 J**	< 0.000248
MW-77	12/16/2020	**0.00186 J**	< 0.000216 UJ	< 0.000285	**0.00539 J**	**0.00258**	**0.00135**	< 0.000189
MW-77	12/14/2021	**0.00133**	**0.00518**	< 0.000285	**0.00163**	**0.0015 J**	**0.000878 J**	< 0.000234
MW-77	01/03/2023	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-83	06/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	09/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	03/06/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	06/19/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	12/09/2002	< 0.005	**0.007**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	03/17/2003	< 0.005	**0.013**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-83	06/17/2003	< 0.00039	**0.02**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-83	09/18/2003	**0.0019 J**	**0.026**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-83	12/09/2003	< 0.00039	**0.029**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-83	04/29/2004	< 0.00043	**0.023**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-83	07/22/2004	< 0.00043	**0.011**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-83	10/27/2004	**0.0034 J**	**0.033**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-83	04/27/2005	**0.15**	**1.5**	**0.004 J**	**0.0034 J**	**0.0054**	**0.0036 J**	**0.018**
MW-83	07/27/2005	**0.027**	**0.23**	< 0.0005	**0.00052 J**	**0.00086 J**	**0.0014 J**	**0.0044**
MW-83	04/24/2007	**0.16**	**0.76**	< 0.0005	**0.0035 J**	**0.0036 J**	**0.0031 J**	**0.0064**
MW-83	10/16/2007	**0.092**	**0.43**	**0.0018 J**	**0.0035 J**	**0.002 J**	**0.0014 J**	**0.004**
MW-83	04/16/2008	**0.095**	**0.26**	**0.0021 J**	**0.0052**	**0.0015 J**	**0.00088 J**	**0.0086**
MW-83	10/13/2008	**0.064**	**0.2**	**0.0015 J**	**0.0042 J**	**0.0018 J**	**0.0011 J**	**0.0066**
MW-83	04/14/2009	**0.033**	**0.11**	**0.00091 J**	**0.0024 J**	**0.0017 J**	**0.00092 J**	**0.0027 J**
MW-83	10/23/2009	**0.012**	**0.056**	< 0.0005	**0.0018 J**	**0.002 J**	**0.001 J**	**0.0016 J**
MW-83	04/14/2010	**0.0058**	**0.034**	< 0.0005	**0.0016 J**	**0.0025 J**	**0.0027 J**	< 0.0005
MW-83	10/19/2010	**0.0044 J**	**0.023**	< 0.0005	**0.0016 J**	**0.0024 J**	**0.0035 J**	**0.0017 J**
MW-83	04/26/2011	**0.0076**	**0.022**	< 0.0005	**0.0042 J**	**0.0071**	**0.013**	**0.0043**
MW-83	10/18/2011	**0.02**	**0.038**	< 0.0005	**0.0085**	**0.018**	**0.076**	**0.0048**
MW-83	03/28/2012	**0.035**	**0.064**	**0.00071 J**	**0.022**	**0.05**	**0.22**	**0.0068**
MW-83	11/07/2012	**0.022**	**0.043**	**0.00062 J**	**0.023**	**0.047**	**0.29**	**0.004**
MW-83	05/08/2013	**0.018**	**0.038**	**0.00082 J**	**0.021**	**0.041**	**0.22**	**0.0038**
MW-83	11/27/2013	**0.012**	**0.031**	**0.00086 J**	**0.022**	**0.031**	**0.2**	**0.0039**
MW-83	06/23/2014	**0.015**	**0.06**	**0.0021 J**	**0.052**	**0.043**	**0.21**	**0.0099**
MW-83	11/20/2014	**0.018**	**0.089**	**0.0024 J**	**0.071**	**0.05**	**0.34**	**0.015**
MW-83	12/15/2015	**0.012**	**0.029**	**0.008**	**0.066**	**0.042**	**0.19**	**0.0076**
MW-83	12/06/2016	**0.0112**	**0.0327**	**0.00499**	**0.0482**	**0.0267**	**0.178**	**0.00733**
MW-83	11/30/2017	**0.0179**	**0.033**	**0.00954**	**0.0459**	**0.021**	**0.0544**	**0.00909**
MW-83	12/13/2018	**0.0148**	**0.0261**	**0.00424**	**0.0318**	**0.0117**	**0.0444**	**0.00809**
MW-83	12/20/2019	**0.0179**	**0.0574**	**0.00261**	**0.0282**	**0.0106**	**0.0403**	**0.00581**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-83	12/16/2020	**0.0213**	**0.0851**	**0.0042**	**0.031**	**0.0133**	**0.0746**	< 0.000189
MW-83	12/14/2021	**0.00815**	**0.0339**	**0.00174**	**0.0115**	**0.00701**	**0.0409**	**0.00222**
MW-83	12/15/2022	**0.0193**	**0.142 J**	**0.00142**	**0.013**	**0.00966**	**0.117 J**	**0.00269**
MW-88	06/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	09/19/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	03/06/2002	< 0.005	**0.01**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	06/19/2002	< 0.005	**0.0076**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	09/17/2002	< 0.005	**0.015**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	12/11/2002	< 0.005	**0.021**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-88	03/19/2003	< 0.005	**0.026 JL**	< 0.005	< 0.005 UJL	< 0.005 UJL	< 0.005 UJL	< 0.002
MW-88	06/17/2003	**0.003 J**	**0.044**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-88	09/18/2003	**0.003 J**	**0.048**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-88	12/09/2003	< 0.00039	**0.023**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-88	05/03/2004	< 0.00043	**0.013**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-88	10/27/2005	< 0.0005	**0.0079**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-88	04/27/2006	< 0.0005	**0.0079**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-88	10/27/2006	**0.0012 J**	**0.015**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-88	03/27/2007	**0.0018 J**	**0.022**	< 0.0005	< 0.0005	< 0.0007	**0.00059 J**	< 0.0006
MW-88	05/03/2011	< 0.0005	**0.0022 J**	< 0.0005	< 0.0005	**0.00062 J**	**0.0017 J**	< 0.0005
MW-88	05/06/2013	**0.0016 J**	**0.0062**	< 0.0005	**0.0047 J**	**0.014**	**0.13**	< 0.0005
MW-88	11/20/2013	**0.0031 J**	**0.015**	**0.0007 J**	**0.012**	**0.028**	**0.26**	**0.0014 J**
MW-88	06/19/2014	**0.0036 J**	**0.021**	**0.0011 J**	**0.016**	**0.033**	**0.25**	**0.0018 JL**
MW-88	11/24/2014	**0.0051**	**0.031**	**0.0022 J**	**0.024**	**0.054**	**0.49**	**0.0017 J**
MW-88	12/04/2015	**0.0028 J**	**0.012**	< 0.0005	**0.0093**	**0.018**	**0.16**	< 0.0004
MW-88	12/09/2016	**0.00241**	**0.0115**	**0.000993 J**	**0.00909**	**0.0207**	**0.198**	**0.000411 J**
MW-88	11/29/2017	**0.00375**	**0.0199**	< 0.000116	**0.00527**	**0.0155**	**0.0267**	< 0.000248
MW-88	12/13/2018	**0.0047**	**0.0165**	< 0.000116	**0.0026**	**0.00557**	**0.0304**	< 0.000248
MW-88	12/20/2019	**0.00645**	**0.0241**	**0.000295 J**	**0.00487**	**0.00849**	**0.0311**	< 0.000248
MW-88	12/16/2020	**0.00752**	**0.0244**	< 0.000285	**0.00622**	**0.00679**	**0.0253**	< 0.000189
MW-88	12/14/2021	**0.00391**	**0.0197**	< 0.000285	**0.00186**	**0.00331 J**	**0.0163**	< 0.000234
MW-88	12/15/2022	**0.00541**	**0.0279**	< 0.00059	**0.00182**	**0.0037 J**	**0.0243**	< 0.000638
MW-89	06/18/2001	**0.0082**	**0.0073**	< 0.005	**0.012**	**0.08**	< 0.005	< 0.002
MW-89	09/19/2001	< 0.005	**0.011**	< 0.005	**0.015**	**0.086**	< 0.005	< 0.002
MW-89	12/04/2001	< 0.005	**0.013**	< 0.005	**0.015**	**0.1**	< 0.005	< 0.002
MW-89	03/06/2002	< 0.005	**0.014**	< 0.005	**0.017**	**0.096**	< 0.005	< 0.002
MW-89	06/20/2002	< 0.005	**0.012**	< 0.005	**0.015**	**0.088**	< 0.005	< 0.002
MW-89	09/19/2002	< 0.005	< 0.005	< 0.005	**0.005**	**0.023**	< 0.005	< 0.002
MW-89	12/12/2002	< 0.005	**0.012**	< 0.005	**0.014**	**0.062**	< 0.005	< 0.002
MW-89	03/19/2003	< 0.005	**0.015 JL**	< 0.005	**0.015 JL**	**0.079 JL**	< 0.005 UJL	< 0.002
MW-89	06/17/2003	**0.0032 J**	**0.015**	< 0.00063	**0.016**	**0.092**	< 0.001	< 0.00093
MW-89	09/17/2003	**0.0026 J**	**0.015**	< 0.00063	**0.017**	**0.082**	< 0.001	< 0.00093
MW-89	05/05/2004	< 0.00043	**0.014**	< 0.00038	**0.012**	**0.087**	< 0.00043	< 0.00079
MW-89	10/27/2004	**0.0023 J**	**0.011**	< 0.00038	**0.013**	**0.06**	< 0.00043	< 0.00079
MW-89	04/29/2005	**0.0019 J**	**0.0079**	< 0.00038	**0.01**	**0.045**	< 0.00043	< 0.00079
MW-89	10/25/2005	**0.0026 J**	**0.01**	< 0.0005	**0.01**	**0.056**	< 0.0005	< 0.0006
MW-89	04/26/2006	**0.0035 J**	**0.017**	< 0.0005	**0.013**	**0.072**	< 0.0005	< 0.0006
MW-89	10/25/2006	**0.0033 J**	**0.017**	< 0.0005	**0.011**	**0.059**	< 0.0005	< 0.0006
MW-89	04/24/2007	**0.0044 J**	**0.027**	< 0.0005	**0.015**	**0.059**	< 0.0005	< 0.0006
MW-89	10/19/2007	**0.0063**	**0.031**	**0.00084 J**	**0.016**	**0.081**	**0.00086 J**	< 0.0006
MW-89	04/16/2008	**0.0058**	**0.026**	**0.00073 J**	**0.0099**	**0.062**	**0.0027 J**	< 0.0005
MW-89	10/13/2008	**0.0053**	**0.023**	**0.00065 J**	**0.0083**	**0.042**	< 0.0006	< 0.0005
MW-89	04/16/2009	**0.0064**	**0.03**	**0.00071 J**	**0.0084**	**0.046**	**0.00068 J**	< 0.0005
MW-89	10/22/2009	**0.0065**	**0.031**	**0.00075 J**	**0.0081**	**0.041**	**0.0013 UJ**	< 0.0005
MW-89	04/14/2010	**0.0089**	**0.049**	**0.00072 J**	**0.009**	**0.044**	**0.0014 J**	< 0.0005
MW-89	10/21/2010	**0.0085**	**0.042**	**0.0011 J**	**0.0052**	**0.026**	**0.0012 J**	< 0.0005
MW-89	04/28/2011	**0.0058**	**0.021**	**0.00087 J**	**0.0027 J**	**0.016**	< 0.0006	< 0.0005
MW-89	11/01/2011	**0.0058**	**0.017**	< 0.0005	< 0.0005	**0.012**	< 0.0006	< 0.0005
MW-89	03/28/2012	**0.0071**	**0.022**	**0.0011 J**	**0.0026 J**	**0.011**	< 0.0006	< 0.0005
MW-89	11/06/2012	**0.004 J**	**0.016**	**0.00072 J**	< 0.001	**0.0076**	< 0.001	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-89	05/06/2013	**0.0043 J**	**0.02**	**0.00064 J**	**0.0013 J**	**0.007**	< 0.001	< 0.0005
MW-89	11/20/2013	**0.0057**	**0.023**	**0.00075 J**	**0.0015 J**	**0.0067**	< 0.001	< 0.0005
MW-89	06/20/2014	**0.0071**	**0.036**	**0.0008 J**	**0.00099 J**	**0.0057**	< 0.0006	< 0.0004
MW-89	11/19/2014	< 0.0004	**0.026**	**0.00064 J**	**0.0009 J**	**0.0041 J**	**0.001 J**	< 0.0004
MW-89	11/23/2015	**0.0036 J**	**0.032**	< 0.0005	< 0.0006	**0.0029 J**	< 0.0006	< 0.0004
MW-89	12/08/2016	**0.00535**	**0.0592**	**0.000719 J**	**0.000577 J**	**0.00364**	**0.000439 J**	< 0.000248
MW-89	11/29/2017	**0.00814**	**0.122**	**0.00145**	**0.000929 J**	**0.00785**	< 0.000333	< 0.000248
MW-89	12/13/2018	**0.00683 J**	**0.155 J**	**0.00232**	**0.000585 J**	**0.00422**	**0.000375 J**	< 0.000248
MW-89	12/20/2019	**0.00486**	**0.169**	**0.00406**	**0.00181**	**0.00607**	**0.000782**	**0.0119**
MW-89	12/16/2020	**0.00889**	**0.212**	**0.00549**	**0.00342 J**	**0.013**	**0.00113**	< 0.000189
MW-89	12/14/2021	**0.00335**	**0.0892**	**0.00134**	**0.000901 J**	**0.00477 J**	**0.000568 J**	**0.00746**
MW-89	12/15/2022	**0.0118**	**0.254**	**0.00353**	**0.00246**	**0.0218**	**0.00139**	< 0.000638
MW-90	06/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.023**	**1.4**	< 0.002
MW-90	09/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.019**	**0.95**	< 0.002
MW-90	12/05/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.02**	**0.98**	< 0.002
MW-90	03/07/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.021**	**1.5**	< 0.002
MW-90	06/20/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.016**	**0.91**	< 0.002
MW-90	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.012**	**0.86**	< 0.002
MW-90	12/12/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.011**	**0.68**	< 0.002
MW-90	03/20/2003	< 0.005	< 0.005	< 0.005	< 0.005	**0.016**	**0.8**	< 0.002
MW-90	06/18/2003	< 0.00039	< 0.00083	< 0.00063	**0.0038 J**	**0.013**	**0.9**	< 0.00093
MW-90	09/18/2003	< 0.00039	**0.0011 J**	< 0.00063	**0.0045 J**	**0.012**	**0.56**	< 0.00093
MW-90	05/05/2004	< 0.00043	< 0.00053	< 0.00038	**0.0084**	**0.011**	**0.46**	< 0.00079
MW-90	07/22/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.31**	< 0.00079
MW-90	10/27/2004	< 0.00043	< 0.00053	< 0.00038	**0.0029 J**	**0.0066**	**0.3**	< 0.00079
MW-90	04/27/2005	< 0.00043	**0.0076**	< 0.00038	**0.0032 J**	**0.0066**	**0.32**	< 0.00079
MW-90	10/25/2005	< 0.0005	**0.0053**	< 0.0005	**0.0038 J**	**0.0096**	**0.47**	< 0.0006
MW-90	04/25/2006	< 0.0005	**0.0082**	< 0.0005	**0.0035 J**	**0.0091**	**0.42**	< 0.0006
MW-90	10/24/2006	< 0.0005	**0.011**	< 0.0005	**0.0048 J**	**0.013**	**0.44**	< 0.0006
MW-90	03/28/2007	< 0.0005	**0.0079**	< 0.0005	**0.0037 J**	**0.011**	**0.38**	< 0.0006
MW-90	04/25/2007	< 0.0005	**0.011**	< 0.0005	**0.0048 J**	**0.012**	**0.37**	< 0.0006
MW-90	10/16/2007	< 0.0005	**0.013**	< 0.0005	**0.0048 J**	**0.018**	**0.5**	< 0.0006
MW-90	10/16/2008	< 0.0005	**0.01**	< 0.0005	**0.004 J**	**0.024**	**0.56**	< 0.0005
MW-90	04/13/2009	< 0.0005	**0.0066**	< 0.0005	**0.0032 J**	**0.021**	**0.28**	< 0.0005
MW-90	10/23/2009	< 0.0005	**0.0068**	< 0.0005	**0.0037 J**	**0.025**	**0.37**	< 0.0005
MW-90	04/13/2010	< 0.0005	**0.0063**	< 0.0005	**0.0041 J**	**0.033**	**0.5**	< 0.0005
MW-90	10/22/2010	**0.00098 J**	**0.015**	< 0.0005	**0.0068**	**0.049**	**0.46**	< 0.0005
MW-90	04/29/2011	**0.0016 J**	**0.013**	**0.00066 J**	**0.0068**	**0.04**	**0.49**	< 0.0005
MW-90	11/01/2011	**0.0028 J**	**0.011**	**0.001 J**	**0.006**	**0.027**	**0.32**	< 0.0005
MW-90	03/28/2012	**0.013**	**0.091**	**0.002 J**	**0.01**	**0.03**	**0.36**	< 0.0005
MW-90	11/07/2012	**0.0089**	**0.055**	**0.0015 J**	**0.004 J**	**0.013**	**0.11**	< 0.0005
MW-90	05/06/2013	**0.0054**	**0.028**	**0.00065 J**	**0.002 J**	**0.0062**	**0.06**	< 0.0005
MW-90	11/20/2013	**0.01**	**0.045**	**0.00072 J**	**0.0031 J**	**0.018**	**0.06**	< 0.0005
MW-90	06/19/2014	**0.022 JL**	**0.09**	**0.00089 J**	**0.0051**	**0.017**	**0.07**	**0.0011 J**
MW-90	11/24/2014	**0.014**	**0.057**	**0.00051 J**	**0.007**	**0.018**	**0.063**	**0.00047 J**
MW-90	12/04/2015	**0.012**	**0.052**	< 0.0005	**0.0077**	**0.02**	**0.076**	< 0.0004
MW-90	12/09/2016	**0.00717**	**0.0216**	**0.000183 J**	**0.00448**	**0.0109**	**0.0522**	< 0.000248
MW-90	11/29/2017	**0.0151**	**0.051**	< 0.000116	**0.00669**	**0.0158**	**0.0436**	< 0.000248
MW-90	12/13/2018	**0.0196**	**0.0366**	< 0.000116	**0.002**	**0.00463**	**0.0296**	< 0.000248
MW-90	12/23/2019	**0.024**	**0.0481**	**0.000304 J**	**0.0018**	**0.00312**	**0.0179**	< 0.000248
MW-90	12/16/2020	**0.0315**	**0.0727**	< 0.000285	< 0.000174	**0.00344**	**0.0182**	< 0.000189
MW-90	12/14/2021	**0.0191**	**0.0454**	< 0.000285	**0.00134**	**0.00293 J**	**0.0213**	< 0.000234
MW-90	12/15/2022	**0.041**	**0.139**	< 0.00059	**0.00263**	**0.00554**	**0.0399**	< 0.000638
MW-92	06/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.016**	**1.1**	< 0.002
MW-92	09/20/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.018**	**1.6**	< 0.002
MW-92	12/05/2001	< 0.005	< 0.005	< 0.005	< 0.005	**0.014**	**0.91**	< 0.002
MW-92	03/07/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.014**	**1.4**	< 0.002
MW-92	06/20/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.013**	**1.2**	< 0.002
MW-92	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.012**	**1.1**	< 0.002
MW-92	12/12/2002	< 0.005	< 0.005	< 0.005	< 0.005	**0.0087**	**0.84**	< 0.002

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-92	03/20/2003	< 0.005	< 0.005	< 0.005	< 0.005	**0.013**	**1.3**	< 0.002
MW-92	06/18/2003	< 0.00039	< 0.00083	< 0.00063	**0.0036 J**	**0.0074**	**0.93**	< 0.00093
MW-92	09/18/2003	< 0.00039	< 0.00083	< 0.00063	**0.0071**	**0.0059**	**0.61**	< 0.00093
MW-92	05/05/2004	< 0.00043	< 0.00053	< 0.00038	**0.0042 J**	**0.0062**	**0.76**	< 0.00079
MW-92	10/28/2004	< 0.00043	< 0.00053	< 0.00038	**0.0024 J**	**0.0038 J**	**1.1**	< 0.00079
MW-92	04/29/2005	< 0.00043	< 0.00053	< 0.00038	**0.0031 J**	**0.0043 J**	**0.69**	< 0.00079
MW-92	10/27/2005	< 0.0005	< 0.0006	< 0.0005	**0.0035 J**	**0.0048 J**	**0.65**	< 0.0006
MW-92	04/26/2006	< 0.0005	< 0.0006	< 0.0005	**0.0053**	**0.0061**	**0.85**	< 0.0006
MW-92	10/24/2006	< 0.0005	< 0.0006	< 0.0005	**0.0045 J**	**0.0042 J**	**0.58**	< 0.0006
MW-92	04/27/2007	< 0.0005	< 0.0006	< 0.0005	**0.0039 J**	**0.005 J**	**0.62**	< 0.0006
MW-92	10/18/2007	< 0.0005	< 0.0006	< 0.0005	**0.0028 J**	**0.0034 J**	**0.42**	< 0.0006
MW-92	04/16/2008	< 0.0005	< 0.0005	< 0.0005	**0.0037 J**	**0.0037 J**	**0.45**	< 0.0005
MW-92	10/15/2008	< 0.0005	< 0.0005	< 0.0005	**0.0025 J**	**0.0032 J**	**0.69**	< 0.0005
MW-92	04/13/2009	< 0.0005	< 0.0005	< 0.0005	**0.002 J**	**0.0012 J**	**0.032**	< 0.0005
MW-92	10/23/2009	< 0.0005	< 0.0005	< 0.0005	**0.0013 J**	**0.0024 J**	**0.22**	< 0.0005
MW-92	04/13/2010	< 0.0005	< 0.0005	< 0.0005	**0.001 J**	**0.0029 J**	**0.29**	< 0.0005
MW-92	10/25/2010	< 0.0005	**0.00072 J**	< 0.0005	**0.0018 J**	**0.0039 J**	**0.29**	< 0.0005
MW-92	04/29/2011	< 0.0005	**0.004 J**	< 0.0005	**0.001 J**	**0.007**	**0.3**	< 0.0005
MW-92	11/01/2011	< 0.0005	**0.0047 J**	< 0.0005	< 0.0005	< 0.0005	**0.19**	< 0.0005
MW-92	03/28/2012	< 0.0005	**0.0035 J**	< 0.0005	< 0.0005	**0.0065**	**0.31**	< 0.0005
MW-92	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	**0.0042 J**	**0.16**	< 0.0005
MW-92	05/07/2013	< 0.0005	**0.0016 J**	< 0.0005	**0.0011 J**	**0.0057**	**0.19**	< 0.0005
MW-92	11/19/2013	< 0.0005	**0.0034 J**	< 0.0005	**0.0017 J**	**0.01**	**0.22**	< 0.0005
MW-92	06/17/2014	< 0.0004	**0.0029 J**	< 0.0005	**0.0013 J**	**0.01**	**0.2**	< 0.0004
MW-92	11/18/2014	**0.00073 J**	**0.004 J**	< 0.0005	**0.0017 J**	**0.012**	**0.26**	< 0.0004
MW-92	12/03/2015	< 0.0004	**0.00077 J**	< 0.0005	< 0.0006	**0.0021 J**	**0.044**	< 0.0004
MW-92	12/09/2016	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.00468**	< 0.000248
MW-92	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.00155**	< 0.000248
MW-92	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.00083 J**	< 0.000248
MW-92	12/23/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.0026**	< 0.000248
MW-92	12/17/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189
MW-92	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	**0.000922 J**	< 0.000234
MW-92	12/15/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-93	06/18/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	09/19/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	12/03/2001	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	03/05/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	06/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	09/16/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	12/10/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	03/18/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-93	06/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-93	09/18/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	**0.002 J**	< 0.00093
MW-93	05/03/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-93	10/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.01**	< 0.00079
MW-93	12/10/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.016**	< 0.00079
MW-93	01/26/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.019**	< 0.00079
MW-93	04/27/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.039**	< 0.00079
MW-93	07/19/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.061**	< 0.0006
MW-93	09/16/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.12**	< 0.0006
MW-93	10/27/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.079**	< 0.0006
MW-93	11/22/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.09**	< 0.0006
MW-93	01/17/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.087**	< 0.0006
MW-93	04/26/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.14**	< 0.0006
MW-93	07/18/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.1**	< 0.0006
MW-93	10/24/2006	< 0.0005	< 0.0006	< 0.0005	**0.0007 J**	< 0.0007	**0.13**	< 0.0006
MW-93	02/05/2007	< 0.0005	< 0.0006	< 0.0005	**0.00092 J**	**0.0013 J**	**0.17**	< 0.0006
MW-93	04/25/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	**0.15**	< 0.0006
MW-93	08/06/2007	< 0.0005	< 0.0006	< 0.0005	**0.00073 J**	< 0.0007	**0.08**	< 0.0006
MW-93	10/18/2007	< 0.0005	< 0.0006	< 0.0005	**0.00073 J**	**0.00078 J**	**0.12**	< 0.0006

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-93	01/21/2008	< 0.0005	< 0.0006	< 0.0005	**0.00071 J**	< 0.0007	**0.1**	< 0.0006
MW-93	11/19/2013	< 0.0005	**0.002 J**	< 0.0005	< 0.001	< 0.001	**0.02**	< 0.0005
MW-93	06/17/2014	< 0.0004	**0.0035 J**	< 0.0005	< 0.0006	**0.0033 J**	**0.015**	< 0.0004
MW-93	11/18/2014	< 0.0004	**0.0024 J**	< 0.0005	< 0.0006	< 0.0005	**0.019**	< 0.0004
MW-93	12/03/2015	< 0.0004	**0.002 J**	< 0.0005	**0.0077**	**0.0034 J**	**0.0061**	< 0.0004
MW-93R	06/08/2017	**0.000225 J**	**0.00221**	< 0.000116	**0.00028 J**	**0.00105**	**0.0633**	< 0.000248
MW-93R	11/29/2017	< 0.000168	**0.00106**	< 0.000116	< 0.000157	**0.000295 J**	**0.02**	< 0.000248
MW-93R	06/27/2018	< 0.000168	**0.00158**	< 0.000116	**0.000236 J**	**0.000787 J**	**0.0367**	< 0.000248
MW-93R	12/13/2018	**0.000193 J**	**0.00146**	< 0.000116	< 0.000157	**0.000721 J**	**0.0487**	< 0.000248
MW-93R	06/12/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.0172**	< 0.000248
MW-93R	12/23/2019	**0.000248 J**	**0.00191**	< 0.000116	**0.000417 J**	**0.0019**	**0.0884**	< 0.000248
MW-93R	12/17/2020	< 0.000245	**0.00359**	< 0.000285	< 0.000174	**0.00303**	**0.097 J**	< 0.000189
MW-93R	12/15/2021	**0.00221**	**0.0098**	< 0.000285	**0.000885 J**	**0.00596**	**0.11 JH**	< 0.000234
MW-93R	12/16/2022	**0.00669**	**0.0401**	< 0.00059	**0.00301**	**0.0168**	**0.186**	< 0.000638
MW-97	02/08/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	03/07/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	06/18/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	09/16/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	12/11/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	03/17/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-97	06/16/2003	< 0.00039	< 0.00083 UJL	< 0.00063 UJ	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-97	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-97	05/03/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-97	10/26/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-97	04/27/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-97	10/28/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-97	04/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-97	10/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-97	04/26/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-97	10/18/2007	**0.0006 J**	**0.0017 J**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-97	04/17/2008	< 0.0005	**0.0013 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	10/15/2008	**0.00051 J**	**0.0027 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	04/16/2009	< 0.0005	**0.0026 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	10/22/2009	< 0.0005	**0.0044 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	04/15/2010	**0.00093 J**	**0.0077 JL**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	05/14/2010	**0.00065 J**	**0.0061**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	10/22/2010	**0.00069 J**	**0.0055**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	04/29/2011	**0.00067 J**	**0.0074**	< 0.0005	< 0.0005	< 0.0005	**0.00065 J**	< 0.0005
MW-97	10/21/2011	< 0.0005	**0.0087**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	03/27/2012	< 0.0005	**0.0041 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-97	11/08/2012	< 0.0005	**0.006**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-97	05/08/2013	< 0.0005	**0.0032 J**	< 0.0005	< 0.001	< 0.001	**0.0042 J**	< 0.0005
MW-97	11/19/2013	**0.00053 J**	**0.0035 J**	< 0.0005	< 0.001	< 0.001	**0.0064**	< 0.0005
MW-97	06/18/2014	< 0.0004	**0.0011 J**	< 0.0005	< 0.0006	**0.00058 J**	**0.023**	< 0.0004
MW-97	08/21/2014	**0.00085 J**	**0.0012 J**	< 0.0005	< 0.0006	**0.00051 J**	**0.019**	< 0.0004
MW-97	11/25/2014	**0.00062 J**	**0.0013 J**	< 0.0005	< 0.0006	**0.00083 J**	**0.037**	< 0.0004
MW-97	03/19/2015	**0.00075 J**	**0.0015 J**	< 0.0005	< 0.0006	**0.002 J**	**0.065**	< 0.0004
MW-97	07/21/2015	**0.00067 J**	**0.0028 J**	< 0.0005	**0.0012 J**	**0.0052**	**0.09**	< 0.0004
MW-97	09/30/2015	**0.0011 J**	**0.002 J**	< 0.0005	< 0.0006	**0.0028 J**	**0.071**	< 0.0004
MW-97	11/19/2015	**0.0015 J**	**0.0016 J**	< 0.0005	< 0.0006	**0.0015 J**	**0.056**	< 0.0004
MW-97	03/30/2016	**0.0012 J**	**0.0019 J**	< 0.0005	< 0.0006	**0.0023 J**	**0.083**	< 0.0004
MW-97	06/07/2016	**0.0014 J**	**0.0026 J**	< 0.0005	< 0.0006	**0.0029 J**	**0.092**	< 0.0004
MW-97	09/08/2016	**0.00126**	**0.0015**	**0.000363 J**	**0.000395 J**	**0.00106**	**0.0196**	< 0.000248
MW-97	12/09/2016	**0.00178**	**0.00236**	**0.000428 J**	< 0.000157	**0.000909 J**	**0.0217**	< 0.000248
MW-97	06/08/2017	**0.00139**	**0.0033**	**0.00044 J**	**0.00127**	**0.00905**	**0.154**	< 0.000248
MW-97	11/29/2017	**0.00108**	**0.00223**	**0.000571 J**	**0.00113**	**0.00528**	**0.0647 J**	< 0.000248
MW-97	12/13/2018	**0.00219**	**0.00991**	**0.000885 J**	**0.00382**	**0.0169**	**0.128**	< 0.000248 UJ
MW-97	12/23/2019	**0.00462**	**0.0198**	**0.00175**	**0.00798**	**0.0262**	**0.296**	< 0.000248
MW-97	12/17/2020	**0.00312**	**0.0168**	< 0.000172	**0.00627**	**0.0218**	**0.277**	< 0.0003
MW-97	12/14/2021	**0.00352**	**0.0199**	**0.00107**	**0.00523**	**0.0218**	**0.261**	< 0.000234

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-97	12/15/2022	**0.006**	**0.0378**	**0.0013**	**0.00707**	**0.0228**	**0.205**	< 0.000638
MW-98	02/08/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	03/07/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	06/18/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	09/17/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	12/11/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	03/17/2003	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.002
MW-98	06/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-98	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-98	04/29/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-98	10/26/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-98	04/28/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-98	10/28/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-98	04/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-98	10/27/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-98	04/26/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-98	10/19/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-98	04/16/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	10/16/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0083**	< 0.0005
MW-98	11/14/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	04/16/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	10/22/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006 UJ	< 0.0005
MW-98	04/15/2010	< 0.0005	< 0.0005 UJ	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	10/22/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	04/29/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.00064 J**	< 0.0005
MW-98	10/21/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	03/27/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-98	11/08/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-98	05/07/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-98	11/19/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-98	06/18/2014	< 0.0004	**0.00062 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-98	11/25/2014	< 0.0004	**0.00075 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-98	07/21/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-98	11/19/2015	< 0.0004	**0.00073 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-98	06/07/2016	< 0.0004	**0.00053 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-98	12/09/2016	< 0.000168	**0.000787 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-98	06/08/2017	< 0.000168	**0.000798 J**	< 0.000116	< 0.000157	< 0.000138	**0.00034 J**	< 0.000248
MW-98	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-98	06/27/2018	< 0.000168	**0.000481 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-98	12/13/2018	< 0.000168	**0.00145**	< 0.000116	< 0.000157	< 0.000138	**0.00035 J**	< 0.000248 UJ
MW-98	06/12/2019	< 0.000168	**0.00232**	< 0.000116	< 0.000157	< 0.000138	**0.00062 J**	< 0.000248
MW-98	12/23/2019	< 0.000168	**0.00201**	< 0.000116	< 0.000157	< 0.000138	**0.000608 J**	< 0.000248
MW-98	12/17/2020	< 0.000168	**0.000589 J**	< 0.000172	< 0.000121	< 0.000317	**0.000524 J**	< 0.0003
MW-98	12/14/2021	< 0.000244	**0.00146**	< 0.000285	< 0.000174	< 0.000424	**0.00162**	< 0.000234
MW-98	12/15/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-100	06/18/2002	**0.053**	**0.11**	< 0.005	**0.026**	**0.021**	**0.019**	**0.0057**
MW-100	09/18/2002	**0.027**	**0.057**	< 0.005	**0.012**	**0.0099**	**0.0067**	**0.0029**
MW-100	12/10/2002	**0.053**	**0.096**	< 0.005	**0.024**	**0.015**	**0.011**	**0.0049**
MW-100	03/19/2003	**0.03**	**0.056**	< 0.005	**0.0099**	< 0.005	< 0.005	< 0.002
MW-100	06/19/2003	**0.041**	**0.071**	< 0.00063	**0.0048 J**	**0.0041 J**	**0.0029 J**	< 0.00093
MW-100	09/17/2003	**0.059**	**0.1**	< 0.00063	**0.014**	**0.0086**	**0.0066**	**0.0026**
MW-100	04/28/2004	**0.027**	**0.041**	< 0.00038	**0.0046 J**	< 0.0007	< 0.00043	< 0.00079
MW-100	10/26/2004	**0.047**	**0.06**	< 0.00038	**0.0064**	**0.0026 J**	**0.0013 J**	< 0.00079
MW-100	04/25/2005	**0.024**	**0.035**	< 0.00038	**0.0012 J**	**0.00088 J**	< 0.00043	< 0.00079
MW-100	10/27/2005	**0.018**	**0.025**	< 0.0005	**0.0016 J**	**0.001 J**	< 0.0005	< 0.0006
MW-100	04/27/2006	**0.026**	**0.03**	< 0.0005	**0.0081**	**0.0015 J**	< 0.0005	< 0.0006
MW-100	10/26/2006	**0.01**	**0.016**	< 0.0005	**0.0071**	**0.0011 J**	< 0.0005	< 0.0006
MW-100	04/26/2007	**0.013**	**0.014**	< 0.0005	**0.015**	**0.0019 J**	< 0.0005	< 0.0006
MW-100	10/18/2007	**0.0019 J**	**0.0013 J**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-100	04/17/2008	**0.00057 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-100	10/13/2008	**0.00094 J**	**0.0036 J**	< 0.0005	**0.00082 J**	< 0.0005	< 0.0006	< 0.0005
MW-100	04/15/2009	**0.0012 J**	**0.0044 J**	< 0.0005	**0.0014 J**	< 0.0005	**0.0028 J**	< 0.0005
MW-100	10/23/2009	**0.0013 J**	**0.0011 J**	< 0.0005	< 0.0005	< 0.0005	**0.0023 J**	**0.0006 J**
MW-100	04/14/2010	**0.0062**	**0.0056**	< 0.0005	**0.0024 J**	**0.0036 J**	**0.069**	< 0.0005
MW-100	05/14/2010	**0.0014 J**	**0.0019 J**	< 0.0005	**0.00068 J**	**0.0015 J**	**0.028**	< 0.0005
MW-100	10/20/2010	**0.0047 J**	**0.012**	< 0.0005	**0.0022 J**	**0.0039 J**	**0.044**	**0.00092 J**
MW-100	04/28/2011	**0.0078**	**0.026**	< 0.0005	**0.0038 J**	**0.0058**	**0.071**	< 0.0005
MW-100	10/18/2011	**0.0013 J**	**0.00091 J**	< 0.0005	**0.00053 J**	**0.0008 J**	**0.0052**	< 0.0005
MW-100	03/27/2012	**0.02**	**0.057**	< 0.0005	**0.0051**	**0.0079**	**0.082**	**0.0019 J**
MW-100	11/07/2012	**0.0033 J**	**0.0046 J**	< 0.0005	< 0.001	< 0.001	**0.0078**	< 0.0005
MW-100	05/06/2013	**0.0042 J**	**0.0056**	< 0.0005	**0.0037 J**	**0.0021 J**	**0.0038 J**	< 0.0005
MW-100	11/21/2013	**0.0024 J**	**0.0019 J**	< 0.0005	**0.0028 J**	**0.0015 J**	**0.0012 J**	< 0.0005
MW-100	06/17/2014	**0.0017 J**	**0.0038 J**	< 0.0005	**0.0039 J**	**0.0018 J**	**0.00062 J**	**0.00043 J**
MW-100	11/24/2014	**0.0025 J**	**0.01**	< 0.0005	**0.0044 J**	**0.0018 J**	**0.0012 J**	**0.00062 J**
MW-100	11/20/2015	**0.0045 J**	**0.021**	< 0.0005	**0.0037 J**	**0.0014 J**	**0.002 J**	**0.00081 J**
MW-100	12/07/2016	**0.00338**	**0.008**	< 0.000116	**0.00423**	**0.00121**	**0.000483 J**	**0.00137 J**
MW-100	11/29/2017	**0.000758 J**	**0.00116**	< 0.000116	**0.000507 J**	**0.000224 J**	< 0.000333	< 0.000248
MW-100	12/13/2018	**0.00183**	**0.00268**	< 0.000116	**0.00273**	**0.000835 J**	**0.000373 J**	**0.000615 J**
MW-100	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-100	12/16/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	**0.00141**	< 0.000189
MW-100	12/14/2021	< 0.000244	< 0.000216	< 0.000285	**0.000211 J**	< 0.000424	< 0.0005	< 0.000234
MW-100	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-106	11/13/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.051**	< 0.002
MW-106	12/12/2002	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	**0.061**	< 0.002
MW-106	03/19/2003	< 0.005	< 0.005 UJL	< 0.005	< 0.005 UJL	< 0.005 UJL	**0.034 JL**	< 0.002
MW-106	06/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	**0.14**	< 0.00093
MW-106	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	**0.0019 J**	**0.12**	< 0.00093
MW-106	04/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	**0.3**	< 0.00079
MW-106	10/26/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	**0.0048 J**	**0.4**	< 0.00079
MW-106	04/28/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	**0.0065**	**0.58**	< 0.00079
MW-106	10/27/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0047 J**	**0.38**	< 0.0006
MW-106	04/24/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0046 J**	**0.51**	< 0.0006
MW-106	10/23/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0052**	**0.42**	< 0.0006
MW-106	04/23/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0043 J**	**0.34**	< 0.0006
MW-106	10/17/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0011 J**	**0.19**	< 0.0006
MW-106	04/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0015 J**	**0.19**	< 0.0005
MW-106	10/14/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.00093 J**	**0.071**	< 0.0005
MW-106	04/15/2009	< 0.0005	< 0.0005	< 0.0005	**0.0055**	**0.0023 J**	**0.2**	< 0.0005
MW-106	10/23/2009	< 0.0005	< 0.0005	< 0.0005	**0.0015 J**	**0.0024 J**	**0.32**	< 0.0005
MW-106	04/14/2010	< 0.0005	< 0.0005	< 0.0005	**0.0025 J**	**0.004 J**	**0.66**	< 0.0005
MW-106	10/26/2010	< 0.0005	< 0.0005	< 0.0005	**0.0014 J**	**0.003 J**	**0.37**	< 0.0005
MW-106	04/29/2011	< 0.0005	< 0.0005	< 0.0005	**0.001 J**	**0.0023 J**	**0.33**	< 0.0005
MW-106	11/01/2011	< 0.0005	< 0.0005	**0.003 J**	< 0.0005	**0.0034 J**	**0.3**	< 0.0005
MW-106	03/28/2012	< 0.0005	< 0.0005	< 0.0005	**0.0028 J**	**0.0024 J**	**0.2**	< 0.0005
MW-106	11/08/2012	< 0.0005	< 0.0006	< 0.0005	**0.0018 J**	**0.0088**	**0.25**	< 0.0005
MW-106	05/07/2013	< 0.0005	**0.0018 J**	< 0.0005	**0.0012 J**	**0.004 J**	**0.23**	< 0.0005
MW-106	11/19/2013	< 0.0005	**0.001 J**	< 0.0005	**0.0018 J**	**0.0085**	**0.34**	< 0.0005
MW-106	06/19/2014	< 0.0004	**0.0023 J**	< 0.0005	**0.13**	**0.028**	**0.0033 J**	< 0.0004
MW-106	11/17/2014	< 0.0004	**0.0012 J**	< 0.0005	**0.0014 J**	**0.0064**	**0.19**	< 0.0004
MW-106	07/21/2015	< 0.0004	**0.0039 J**	< 0.0005	**0.0017 J**	**0.0039 J**	**0.14**	< 0.0004
MW-106	12/03/2015	< 0.0004	**0.00068 J**	< 0.0005	< 0.0006	**0.0054**	**0.22**	< 0.0004
MW-106	06/07/2016	< 0.0004	**0.00068 J**	< 0.0005	**0.0011 J**	**0.0033 J**	**0.19**	< 0.0004
MW-106	12/09/2016	< 0.000168	**0.000986 J**	< 0.000116	**0.000969 J**	**0.00315**	**0.203**	< 0.000248
MW-106	11/29/2017	< 0.000168	< 0.000192	< 0.000116	**0.00896**	**0.00132**	**0.000669 J**	< 0.000248
MW-106	12/13/2018	< 0.000168	**0.000193 J**	< 0.000116	**0.00111**	**0.00121**	**0.013**	< 0.000248 UJ
MW-106	12/23/2019	**0.00025 J**	**0.000756 J**	< 0.000116	**0.0229**	**0.00112**	< 0.000333	**0.00908**
MW-106	12/17/2020	< 0.000244	< 0.000216	< 0.000285	**0.00071 J**	< 0.000424	**0.00058 J**	< 0.000234
MW-106	12/14/2021	**0.00164**	< 0.000216	< 0.000285	**0.00648**	< 0.000424	< 0.000500	**0.0118**
MW-106	12/15/2022	< 0.000635	< 0.000738	< 0.00059	**0.00176**	< 0.000791	< 0.000801	< 0.000638
MW-108	03/19/2003	**0.07**	**0.39 JL**	< 0.005	< 0.005	**0.011**	< 0.005	**0.013 JH**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-108	06/19/2003	**0.092**	**0.54 J**	< 0.00063	< 0.00044	**0.0095**	< 0.001	**0.014 J**
MW-108	09/16/2003	**0.056**	**0.47**	< 0.00063	**0.0013 J**	**0.0074**	< 0.001	**0.0083**
MW-108	04/28/2004	--	**0.35**	--	< 0.00074	< 0.0007	< 0.00043	**0.0045**
MW-108	10/26/2004	--	**0.12**	--	< 0.00074	< 0.0007	< 0.00043	**0.0019 J**
MW-108	04/26/2005	--	**0.12**	--	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-108	10/24/2005	--	**0.11**	--	< 0.0005	**0.00087 J**	< 0.0005	**0.0016 J**
MW-108	04/24/2006	--	**0.071**	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-108	10/23/2006	--	**0.12**	--	**0.0013 J**	**0.0045 J**	< 0.0005	**0.01**
MW-108	04/25/2007	--	**0.2**	--	**0.0039 J**	**0.0071**	< 0.0005	**0.047**
MW-108	10/18/2007	--	**0.31**	--	**0.0079**	**0.022**	**0.00092 J**	**0.053**
MW-108	04/15/2008	--	**0.17**	--	**0.0035 J**	**0.0082**	< 0.0006	**0.029**
MW-108	10/14/2008	--	**0.35**	--	**0.009**	**0.018**	**0.0007 J**	**0.057**
MW-108	04/14/2009	--	**0.29**	--	**0.011**	**0.023**	**0.0015 JL**	**0.052**
MW-108	10/19/2009	--	**0.2 JL**	--	**0.0055 J**	**0.0098**	**0.0013 J**	**0.027 JL**
MW-108	04/12/2010	--	**0.3 JL**	--	**0.01**	**0.017**	**0.0029 J**	**0.064**
MW-108	10/21/2010	--	**0.66**	--	**0.011**	**0.017**	**0.0048 J**	**0.073**
MW-108	04/25/2011	--	**0.54**	--	**0.015**	**0.019**	**0.0032 J**	**0.084**
MW-108	10/19/2011	--	**1.3**	--	**0.015**	**0.028**	**0.017**	**0.068**
MW-108	03/29/2012	--	**1.2**	--	**0.014**	**0.027**	**0.023**	**0.058**
MW-108	11/07/2012	--	**0.4**	--	**0.0049 J**	**0.0078**	**0.0054**	**0.015**
MW-108	05/07/2013	--	**0.45**	--	**0.0055**	**0.0097**	**0.0064**	**0.01**
MW-108	11/20/2013	--	**0.3**	--	**0.0037 J**	**0.013**	**0.0031 J**	**0.0084**
MW-108	06/25/2014	--	**0.23**	--	**0.011**	**0.04**	**0.0011 J**	**0.0031**
MW-108	11/19/2014	--	**0.17**	--	**0.007**	**0.026**	**0.0017 J**	**0.0068**
MW-108	11/24/2015	**0.009**	**0.07**	< 0.0005	**0.0034 J**	**0.015**	**0.0017 J**	**0.0014 J**
MW-108	12/08/2016	**0.174**	**0.105**	**0.0103**	**0.122**	**0.418**	**0.00447 J**	**0.0221**
MW-108	11/29/2017	**0.014**	**0.0724**	**0.00128**	**0.014**	**0.0384**	< 0.000333	**0.00083 J**
MW-108	12/13/2018	**0.00653**	**0.0485**	**0.000347 J**	**0.00504**	**0.0171**	< 0.000333	< 0.000248 UJ
MW-108	12/19/2019	**0.00684**	**0.0434**	< 0.000116	**0.00481**	**0.0128**	< 0.000333	**0.00144 J**
MW-108	12/16/2020	**0.00262**	**0.0231**	< 0.000172	**0.00208**	**0.00541**	< 0.000189	**0.000386 J**
MW-108	12/14/2021	< 0.000244	**0.0552**	< 0.000285	**0.00711**	**0.0172**	< 0.0005	< 0.000234
MW-108	12/14/2022	**0.00379**	**0.0344**	< 0.00059	**0.0038**	**0.00957**	< 0.000801	< 0.000638
MW-109	03/20/2003	**0.029**	**0.043**	< 0.005	**0.093**	**0.015**	**0.041 JL**	**0.0031**
MW-109	06/19/2003	**0.039**	**0.083**	**0.0015 J**	**0.15**	**0.02**	**0.049**	**0.0043**
MW-109	09/16/2003	**0.045**	**0.087**	**0.0017 J**	**0.12**	**0.022**	**0.048**	**0.0042**
MW-109	04/28/2004	--	**0.13**	--	**0.28**	**0.032**	**0.054**	**0.0076**
MW-109	10/26/2004	--	**0.14**	--	**0.086**	**0.031**	**0.036**	**0.0075**
MW-109	04/26/2005	--	**0.15**	--	**0.12**	**0.032**	**0.064**	**0.0047**
MW-109	10/24/2005	--	**0.2**	--	**0.14**	**0.071**	**0.16**	**0.0057**
MW-109	04/24/2006	--	**0.13**	--	**0.15**	**0.039**	**0.07**	**0.0043**
MW-109	10/23/2006	--	**0.17**	--	**0.24**	**0.055**	**0.088**	**0.0062**
MW-109	04/25/2007	--	**0.22**	--	**0.17**	**0.079**	**0.074**	**0.0092**
MW-109	10/18/2007	--	**0.18**	--	**0.19**	**0.11**	**0.063**	**0.0069**
MW-109	04/15/2008	--	**0.11**	--	**0.16**	**0.086**	**0.039**	**0.0063**
MW-109	10/13/2008	--	**0.16**	--	**0.18**	**0.041**	**0.031**	**0.0084**
MW-109	04/14/2009	--	**0.17**	--	**0.14**	**0.021**	**0.035 JL**	**0.0053**
MW-109	10/21/2009	--	**0.077**	--	**0.38**	**0.031**	**0.033**	**0.019**
MW-109	04/12/2010	--	**0.076 JL**	--	**0.13**	**0.011**	**0.018**	**0.011**
MW-109	10/21/2010	--	**0.1**	--	**0.4**	**0.032**	**0.024**	**0.042**
MW-109	04/25/2011	--	**0.067**	--	**0.17**	**0.017**	**0.01**	**0.026**
MW-109	10/19/2011	--	**0.039**	--	**0.082**	**0.0097**	**0.0093**	**0.007**
MW-109	03/29/2012	--	**0.049**	--	**0.2**	**0.019**	**0.01**	**0.017**
MW-109	11/07/2012	--	**0.037**	--	**0.17**	**0.016**	**0.007**	**0.018**
MW-109	05/07/2013	--	**0.037**	--	**0.19**	**0.017**	**0.01**	**0.014**
MW-109	11/20/2013	--	**0.028**	--	**0.14**	**0.012**	**0.0079**	**0.015**
MW-109	06/25/2014	--	**0.026**	--	**0.061**	**0.0067**	**0.013**	**0.013**
MW-109	11/18/2014	--	**0.07**	--	**0.15**	**0.012**	**0.027**	**0.032**
MW-109	11/24/2015	**0.2**	**0.11**	< 0.0005	**0.19**	**0.014**	**0.039**	**0.04**
MW-109	12/07/2016	**0.168**	**0.062**	**0.000586 J**	**0.141**	**0.00911**	**0.0344**	**0.0314**
MW-109	11/29/2017	**0.252**	**0.0904**	**0.00124**	**0.168**	**0.0115**	**0.0418**	**0.0327**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-109	12/13/2018	**0.471**	**0.173**	**0.00105**	**0.236**	**0.0158**	**0.0556**	**0.0998**
MW-109	12/19/2019	**0.235**	**0.0734**	**0.00049 J**	**0.125**	**0.00848**	**0.0364**	**0.0782**
MW-109	12/16/2020	**0.0801**	**0.032**	< 0.000172	**0.0465**	**0.0052**	**0.0172**	**0.0268**
MW-109	12/14/2021	**0.0815**	**0.0346**	< 0.000285	**0.0397**	**0.00497 J**	**0.019**	**0.0163**
MW-109	12/14/2022	**0.0406**	**0.02**	< 0.00059	**0.0218**	**0.00307 J**	**0.0124**	**0.0139**
MW-110	03/18/2003	**0.086 JH**	**0.15 J**	< 0.005	**0.27 JL**	**0.17**	**0.096 J**	**0.031 J**
MW-110	06/19/2003	**0.041**	**0.065 J**	< 0.00063	**0.29**	**0.16**	**0.074**	**0.02 J**
MW-110	09/16/2003	**0.05**	**0.095**	< 0.00063	**0.37**	**0.18**	**0.11**	**0.023**
MW-110	04/28/2004	--	**0.1**	--	**0.29**	**0.14**	**0.059**	**0.028**
MW-110	10/26/2004	--	**0.15**	--	**0.036**	**0.014**	**0.0065**	**0.0097**
MW-110	04/26/2005	--	**0.11**	--	**0.019**	**0.0095**	**0.0024 J**	**0.0054**
MW-110	10/24/2005	--	**0.094**	--	**0.027**	**0.012**	**0.0045 J**	**0.0069**
MW-110	04/24/2006	--	**0.084**	--	**0.065**	**0.019**	**0.0099**	**0.016**
MW-110	10/23/2006	--	**0.19**	--	**0.028**	**0.0079**	**0.0051**	**0.0067**
MW-110	04/25/2007	--	**0.88**	--	**0.044**	**0.008**	**0.015**	**0.011**
MW-110	10/18/2007	--	**0.67**	--	**0.038**	**0.008**	**0.011**	**0.0096**
MW-110	04/15/2008	--	**0.25**	--	**0.039**	**0.0076**	**0.006**	**0.015**
MW-110	10/13/2008	--	**0.2**	--	**0.034**	**0.0055**	**0.0034 J**	**0.013**
MW-110	04/14/2009	--	**0.081**	--	**0.025**	**0.0047 J**	**0.0018 JL**	**0.014**
MW-110	10/21/2009	--	**0.066**	--	**0.017 J**	**0.0031 J**	**0.0014 J**	**0.011**
MW-110	04/13/2010	--	**0.065**	--	**0.025**	**0.004 J**	**0.0021 J**	**0.012**
MW-110	10/21/2010	--	**0.044**	--	**0.017**	**0.0024 J**	**0.0011 J**	**0.018**
MW-110	04/25/2011	--	**0.048**	--	**0.035**	**0.0052**	**0.0015 J**	**0.028**
MW-110	10/19/2011	--	**0.034**	--	**0.022**	**0.0041 J**	**0.0025 J**	**0.011**
MW-110	03/29/2012	--	**0.018**	--	**0.017**	**0.004 J**	**0.0017 J**	**0.01**
MW-110	11/07/2012	--	**0.024**	--	**0.026**	**0.0065**	**0.0033 J**	**0.0049**
MW-110	05/07/2013	--	**0.019**	--	**0.03**	**0.0085**	**0.0031 J**	**0.0041**
MW-110	11/20/2013	--	**0.011**	--	**0.032**	**0.008**	**0.0021 J**	**0.0044**
MW-110	06/25/2014	--	**0.0065**	--	**0.026**	**0.0073**	**0.0013 J**	**0.0044**
MW-110	11/18/2014	--	**0.0042 J**	--	**0.018**	**0.0041 J**	< 0.0006	**0.0038**
MW-110	11/24/2015	**0.0066**	**0.0045 J**	< 0.0005	**0.022**	**0.0031 J**	**0.00062 J**	**0.0039**
MW-110	12/07/2016	**0.0112**	**0.022**	**0.000325 J**	**0.0505**	**0.0065**	**0.00368**	**0.00952**
MW-110	11/29/2017	**0.00206**	**0.00222**	**0.000308 J**	**0.00714**	**0.0012**	< 0.000333	**0.000969 J**
MW-110	12/13/2018	**0.0267**	**0.0349**	**0.000378 J**	**0.136**	**0.0884**	**0.0134**	**0.0276 J**
MW-110	12/19/2019	**0.0117**	**0.0173**	< 0.000116	**0.00681**	**0.00113**	< 0.000333	**0.00474**
MW-110	12/16/2020	**0.00487**	**0.00441**	< 0.000172	**0.00322**	**0.000402 J**	< 0.000189	**0.00118**
MW-110	12/14/2021	**0.00277**	**0.00311**	< 0.000285	**0.00142**	< 0.000424	< 0.0005	**0.000372 J**
MW-110	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-111	03/19/2003	**0.014**	**0.013**	< 0.005	**0.18**	< 0.005	< 0.005	**0.011 JH**
MW-111	06/19/2003	**0.017**	**0.014 J**	< 0.00063	**0.32**	< 0.00074	< 0.001	**0.019 J**
MW-111	09/16/2003	**0.011**	**0.0072**	< 0.00063	**0.19**	< 0.00074	< 0.001	**0.012**
MW-111	04/28/2004	--	**0.0081**	--	**0.16**	< 0.0007	< 0.00043	**0.013**
MW-111	10/26/2004	--	**0.16**	--	**0.07**	**0.0023 J**	**0.0029 J**	**0.0049**
MW-111	04/26/2005	--	**0.023**	--	**0.062**	**0.00075 J**	< 0.00043	**0.007**
MW-111	10/24/2005	--	**0.0086**	--	**0.034**	< 0.0007	< 0.0005	< 0.0006
MW-111	04/24/2006	--	**0.0055**	--	**0.038**	< 0.0007	< 0.0005	**0.0047**
MW-111	10/23/2006	--	**0.0043 J**	--	**0.075**	**0.0017 J**	**0.0012 J**	**0.0093**
MW-111	04/25/2007	--	< 0.0006	--	**0.037**	< 0.0007	< 0.0005	**0.011**
MW-111	10/18/2007	--	**0.04**	--	**0.018**	< 0.0007	< 0.0005	**0.0065**
MW-111	04/17/2008	--	**0.01**	--	**0.0033 J**	< 0.0005	< 0.0006	**0.0026**
MW-111	10/13/2008	--	< 0.0005	--	**0.0085**	**0.0016 J**	< 0.0006	**0.0022**
MW-111	04/14/2009	--	< 0.0005	--	**0.014**	**0.02**	**0.0092 JL**	**0.0024**
MW-111	10/23/2009	--	**0.013**	--	**0.018**	**0.022**	**0.0082**	**0.008**
MW-111	04/14/2010	--	**0.0014 J**	--	**0.0089**	**0.032**	**0.085**	**0.0032**
MW-111	10/21/2010	--	< 0.0005	--	**0.0013 J**	**0.0046 J**	**0.016**	< 0.0005
MW-111	04/25/2011	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-111	10/19/2011	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-111	03/29/2012	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-111	11/08/2012	--	< 0.0006	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-111	05/07/2013	--	< 0.0006	--	< 0.001	< 0.001	< 0.001	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-111	12/05/2013	--	< 0.0006	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-111	06/26/2014	--	**0.0089**	--	< 0.0006	**0.00091 J**	**0.0071**	**0.00072 J**
MW-111	11/18/2014	--	**0.034**	--	**0.0024 J**	**0.0065**	**0.083**	**0.0031**
MW-111	11/24/2015	**0.008**	**0.035**	< 0.0005	**0.0016 J**	**0.0034 J**	**0.053**	**0.0029**
MW-111	12/08/2016	**0.0144**	**0.0265**	**0.000166 J**	**0.00968**	**0.0159**	**0.291**	**0.00399**
MW-111	11/29/2017	**0.000305 J**	**0.00081 J**	< 0.000116	**0.000406 J**	**0.00122**	**0.00757**	< 0.000248
MW-111	12/13/2018	**0.000711 J**	**0.00206**	< 0.000116	**0.000515 J**	**0.00096 J**	**0.00516**	< 0.000248 UJ
MW-111	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	**0.000548 J**	**0.0027**	< 0.000248
MW-111	12/16/2020	**0.0237**	**0.0305**	< 0.000172	**0.00303**	**0.00352**	**0.0209**	**0.0027**
MW-111	12/15/2021	**0.799**	**0.547**	**0.0036**	**0.00466**	**0.00719**	**0.0196**	**0.0941**
MW-111	12/14/2022	**0.00272**	**0.00485**	< 0.00059	**0.00234**	**0.00397 J**	**0.0151**	< 0.000638
MW-112	03/19/2003	**0.12**	**0.15**	< 0.005	**1.1**	**0.043**	**0.31**	< 0.002
MW-112	06/19/2003	**0.13**	**0.16 J**	< 0.00063	**1.4**	**0.073**	**0.53**	< 0.00093
MW-112	09/17/2003	**0.066**	**0.13**	< 0.00063	**0.89**	**0.092**	**0.76**	< 0.00093
MW-112	04/28/2004	--	**0.065**	--	**0.42**	**0.031**	**0.15**	< 0.00079
MW-112	10/26/2004	--	**0.18**	--	**0.91**	**0.025**	**0.18**	< 0.00079
MW-112	04/26/2005	--	**0.13**	--	**0.86**	**0.047**	**0.3**	**0.085**
MW-112	10/25/2005	--	**0.058**	--	**0.6**	**0.043**	**0.27**	< 0.0006
MW-112	04/24/2006	--	**0.023**	--	**0.25**	**0.026**	**0.17**	< 0.0006
MW-112	10/24/2006	--	**0.06**	--	**0.39**	**0.075**	**0.2**	< 0.0006
MW-112	04/25/2007	--	**0.066**	--	**0.22**	**0.038**	**0.03**	**0.13**
MW-112	10/18/2007	--	**0.037**	--	**0.15**	**0.024**	**0.045**	< 0.0006
MW-112	04/15/2008	--	**0.012**	--	**0.067**	**0.013**	**0.017**	< 0.0005
MW-112	10/13/2008	--	**0.0049 J**	--	**0.016**	**0.0022 J**	**0.0032 J**	**0.0027**
MW-112	04/13/2009	--	**0.071**	--	**0.039**	**0.0035 J**	**0.00086 J**	< 0.0005
MW-112	10/23/2009	--	**0.021**	--	**0.078**	< 0.0005	< 0.0006	< 0.0005
MW-112	04/14/2010	--	**0.031**	--	**0.068**	**0.0027 J**	< 0.0006	< 0.0005
MW-112	10/21/2010	--	**0.056**	--	**0.072**	**0.003 J**	< 0.0006	**0.03**
MW-112	04/25/2011	--	**0.089**	--	**0.054**	**0.0039 J**	< 0.0006	**0.051**
MW-112	10/19/2011	--	**0.051**	--	**0.067**	**0.0029 J**	< 0.0006	< 0.0005
MW-112	03/29/2012	--	**0.041**	--	**0.049**	**0.0018 J**	< 0.0006	< 0.0005
MW-112	11/08/2012	--	**0.034**	--	**0.098**	**0.0014 J**	< 0.001	< 0.0005
MW-112	05/07/2013	--	**0.063**	--	**0.055**	**0.0016 J**	< 0.001	< 0.0005
MW-112	11/26/2013	**0.059**	**0.08**	**0.0087**	**0.048**	**0.0024 J**	< 0.001	< 0.0005
MW-112	06/25/2014	--	**0.087**	--	**0.045**	**0.002 J**	**0.00064 J**	< 0.0004
MW-112	11/18/2014	--	**0.18**	--	**0.036**	**0.0025 J**	**0.002 J**	**0.056**
MW-112	11/24/2015	**0.028**	**0.026**	**0.0029 J**	**0.031**	**0.0013 J**	< 0.0006	**0.012**
MW-112	12/09/2016	**0.0674**	**0.0343**	**0.00814**	**0.0419**	**0.003**	**0.000345 J**	**0.0269**
MW-112	11/29/2017	**0.0582**	**0.0402**	**0.0141**	**0.00315**	**0.00133**	< 0.000333	**0.0143**
MW-112	12/13/2018	**0.0257**	**0.0181**	**0.00154**	**0.00379**	**0.00116**	< 0.000333	**0.0106**
MW-112	12/19/2019	**0.0225**	**0.0226**	**0.00312**	**0.00124**	**0.000601 J**	< 0.000333	**0.0182**
MW-112	12/16/2020	**0.0211**	**0.032**	**0.00669**	**0.000433 J**	**0.00109**	< 0.000189	**0.016**
MW-112	12/14/2021	**0.0225**	**0.0291**	**0.00282**	**0.000379 J**	< 0.000424	< 0.0005	**0.00511**
MW-112	12/14/2022	**0.00928**	**0.0157**	**0.00203**	< 0.000714	< 0.000791	< 0.000801	**0.00454**
MW-113	03/20/2003	**0.024**	**0.049 JL**	< 0.005	< 0.005 UJL	< 0.005 UJL	< 0.005 UJL	**0.013**
MW-113	06/19/2003	**0.034**	**0.047**	< 0.00063	< 0.00044	< 0.00074	< 0.001	**0.012**
MW-113	09/16/2003	**0.033**	**0.061**	< 0.00063	**0.0015 J**	< 0.00074	< 0.001	**0.015**
MW-113	04/29/2004	--	**0.02**	--	< 0.00074	< 0.0007	< 0.00043	**0.005**
MW-113	10/26/2004	--	**0.015**	--	< 0.00074	< 0.0007	< 0.00043	**0.0034**
MW-113	04/26/2005	--	< 0.00053	--	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-113	10/25/2005	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-113	04/24/2006	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-113	10/24/2006	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-113	04/25/2007	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-113	10/18/2007	--	< 0.0006	--	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-113	04/15/2008	--	**0.00097 J**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-113	10/13/2008	--	< 0.0005	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-113	04/13/2009	--	**0.00086 J**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-113	10/23/2009	--	**0.0017 J**	--	< 0.0005	< 0.0005	< 0.0006	**0.00072 J**
MW-113	04/14/2010	--	**0.0072**	--	< 0.0005	< 0.0005	< 0.0006	**0.0023**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-113	05/14/2010	--	**0.0087**	--	< 0.0005	< 0.0005	< 0.0006	**0.0025**
MW-113	10/21/2010	--	**0.011**	--	< 0.0005	< 0.0005	< 0.0006	**0.0045**
MW-113	04/25/2011	--	**0.0067**	--	< 0.0005	< 0.0005	< 0.0006	**0.0025**
MW-113	10/19/2011	--	**0.0036 J**	--	< 0.0005	< 0.0005	< 0.0006	**0.0016 J**
MW-113	03/29/2012	--	**0.0026 J**	--	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-113	11/08/2012	--	**0.0023 J**	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-113	05/07/2013	--	**0.0018 J**	--	< 0.001	< 0.001	< 0.001	< 0.0005
MW-113	11/19/2013	**0.031**	**0.0017 J**	< 0.0005	< 0.001	< 0.001	< 0.001	**0.00073 J**
MW-113	06/25/2014	--	**0.0013 J**	--	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-113	11/17/2014	--	**0.00087 J**	--	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-113	11/24/2015	**0.019**	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-113	12/06/2016	**0.0186**	**0.000476 J**	< 0.000116	**0.000211 J**	< 0.000138	< 0.000333	**0.000336 J**
MW-113	11/28/2017	**0.0151**	**0.00136**	< 0.000116	**0.000483 J**	< 0.000138	< 0.000333	< 0.000248
MW-113	12/13/2018	**0.000607 J**	**0.000226 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-113	12/19/2019	**0.00772**	**0.00398**	< 0.000116	**0.000359 J**	< 0.000138	< 0.000333	**0.000478 J**
MW-113	12/16/2020	**0.0162**	**0.0219**	**0.000474 J**	**0.00147**	**0.001**	**0.00108**	**0.00127**
MW-113	12/14/2021	**0.00973**	**0.0175**	< 0.000285	**0.00288**	**0.00728**	**0.0121**	**0.000751 J**
MW-113	12/14/2022	**0.0192**	**0.0431**	< 0.00059	**0.0185**	**0.0432**	**0.0979 J**	**0.00256**
MW-121	06/19/2003	< 0.00039	**0.061**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-121	09/17/2003	< 0.00039	**0.081**	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-121	04/27/2004	< 0.00043	**0.078**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-121	10/28/2004	< 0.00043	**0.11**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-121	04/28/2005	< 0.00043	**0.13**	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-121	10/26/2005	< 0.0005	**0.09**	**0.00072 J**	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-121	04/26/2006	< 0.0005	**0.055**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-121	10/26/2006	< 0.0005	**0.087**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-121	04/26/2007	< 0.0005	**0.11**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-121	10/16/2007	< 0.0005	**0.079**	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-121	04/17/2008	< 0.0005	**0.088**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	10/16/2008	< 0.0005	**0.066**	< 0.0005	< 0.0005	**0.00076 J**	< 0.0006	< 0.0005
MW-121	04/14/2009	< 0.0005	**0.09**	< 0.0005	< 0.0005	< 0.0005	< 0.0006 UJ	< 0.0005 UJ
MW-121	10/19/2009	< 0.0005 UJ	**0.095 JL**	**0.00061 J**	< 0.0005	**0.0012 J**	< 0.0006	< 0.0005 UJ
MW-121	04/14/2010	< 0.0005	**0.062**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	10/19/2010	< 0.0005	**0.02**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	04/27/2011	< 0.0005	**0.031**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	10/19/2011	< 0.0005	**0.025**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	03/28/2012	< 0.0005	**0.014**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-121	11/06/2012	< 0.0005	**0.0041 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-121	05/06/2013	< 0.0005	**0.0025 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-121	12/05/2013	< 0.0005	**0.0035 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-121	06/20/2014	< 0.0004	**0.015**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-121	11/24/2014	< 0.0004	**0.01**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-121	11/23/2015	**0.0011 J**	**0.042**	< 0.0005	< 0.0006	**0.001 J**	< 0.0006	< 0.0004
MW-121	06/06/2016	< 0.0004	**0.0053**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-121	01/26/2017	< 0.000168	**0.00409**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-121	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-121	12/13/2018	**0.0019**	**0.0284**	**0.000306 J**	**0.000237 J**	**0.00124**	< 0.000333	< 0.000248
MW-121	12/19/2019	< 0.000168	**0.00206**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-121	12/16/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189
MW-121	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-121	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-122	06/19/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	< 0.00074	< 0.001	< 0.00093
MW-122	09/17/2003	< 0.00039	< 0.00083	< 0.00063	< 0.00044	**0.0017 J**	< 0.001	< 0.00093
MW-122	04/27/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-122	10/28/2004	< 0.00043	< 0.00053	< 0.00038	< 0.00074	< 0.0007	< 0.00043	< 0.00079
MW-122	04/28/2005	< 0.00043	< 0.00053	< 0.00038	< 0.00074	**0.00097 J**	< 0.00043	< 0.00079
MW-122	10/26/2005	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.00098 J**	< 0.0005	< 0.0006
MW-122	04/26/2006	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0014 J**	< 0.0005	< 0.0006
MW-122	10/27/2006	**0.00058 J**	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-122	04/26/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-122	10/18/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.00074 J**	< 0.0005	< 0.0006
MW-122	04/17/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0016 J**	< 0.0006	< 0.0005
MW-122	10/13/2008	< 0.0005	< 0.0005	< 0.0005	**0.00052 J**	**0.0029 J**	< 0.0006	< 0.0005
MW-122	04/14/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	**0.0017 J**	< 0.0006 UJ	< 0.0005 UJ
MW-122	10/20/2009	< 0.0005	< 0.0005	< 0.0005	**0.00082 J**	**0.0048 J**	< 0.0006	< 0.0005
MW-122	04/13/2010	< 0.0005	**0.0012 J**	< 0.0005	**0.00094 J**	**0.0057**	< 0.0006	< 0.0005
MW-122	08/10/2010	< 0.0005	**0.0016 J**	< 0.0005	**0.0006 J**	**0.0043 J**	< 0.0006	< 0.0005
MW-122	10/21/2010	< 0.0005	**0.0036 J**	< 0.0005	**0.002 J**	**0.0092**	< 0.0006	< 0.0005
MW-122	04/28/2011	< 0.0005	**0.0031 J**	< 0.0005	**0.0019 J**	**0.0094**	< 0.0006	< 0.0005
MW-122	08/22/2011	< 0.0005	**0.0054**	< 0.0005	**0.0029 J**	**0.014**	< 0.0006	< 0.0005
MW-122	10/19/2011	< 0.0005	**0.0048 J**	< 0.0005	**0.0025 J**	**0.013**	< 0.0006	< 0.0005
MW-122	02/06/2012	< 0.0005	**0.0058**	< 0.0005	< 0.0005	**0.011**	< 0.0006	< 0.0005
MW-122	03/29/2012	< 0.0005	**0.0041 J**	< 0.0005	**0.0017 J**	**0.0091**	< 0.0006	< 0.0005
MW-122	08/21/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	**0.0014 J**	< 0.001	< 0.0005
MW-122	11/08/2012	< 0.0005	**0.0044 J**	< 0.0005	**0.0016 J**	**0.0082**	< 0.001	< 0.0005
MW-122	02/20/2013	< 0.0005	**0.004 J**	< 0.0005	< 0.001	**0.0081**	< 0.001	< 0.0005
MW-122	05/06/2013	**0.00066 J**	**0.006**	< 0.0005	**0.0025 J**	**0.011**	< 0.001	< 0.0005
MW-122	08/30/2013	< 0.0005	**0.0042 J**	< 0.0005	**0.002 J**	**0.0064**	< 0.001	< 0.0005
MW-122	11/20/2013	**0.0034 J**	**0.0058**	**0.00054 J**	**0.0014 J**	**0.0014 J**	**0.0018 J**	< 0.0005
MW-122	01/29/2014	**0.00067 J**	**0.0058**	< 0.0005	**0.0025 J**	**0.0095**	< 0.0006	< 0.0004
MW-122	06/20/2014	< 0.0004	**0.004 J**	< 0.0005	**0.0011 J**	**0.0062**	< 0.0006	< 0.0004
MW-122	08/21/2014	< 0.0004	**0.0025 J**	< 0.0005	**0.0011 J**	**0.0041 J**	< 0.0006	< 0.0004
MW-122	11/24/2014	< 0.0004	**0.00085 J**	< 0.0005	< 0.0006	**0.0012 J**	< 0.0006	< 0.0004
MW-122	03/19/2015	**0.0012 J**	**0.0073**	< 0.0005	**0.0015 J**	**0.006**	< 0.0006	< 0.0004
MW-122	07/21/2015	**0.00059 J**	**0.0026 J**	< 0.0005	< 0.0006	**0.0021 J**	< 0.0006	< 0.0004
MW-122	12/15/2015	**0.0015 J**	**0.0078**	< 0.0005	**0.0013 J**	**0.0057**	**0.00083 J**	< 0.0004
MW-122	12/08/2016	**0.000622 J**	**0.00405**	< 0.000116	**0.000617 J**	**0.00303**	**0.000432 J**	< 0.000248
MW-122	11/29/2017	**0.00143**	**0.009**	< 0.000116	**0.000529 J**	**0.00231**	< 0.000333	< 0.000248
MW-122	12/13/2018	**0.000368 J**	**0.00201**	< 0.000116	< 0.000157	**0.00024 J**	< 0.000333	< 0.000248
MW-122	12/19/2019	< 0.000168	**0.00258**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-122	12/16/2020	**0.00129**	**0.00742**	< 0.000285	< 0.000174	**0.0005 J**	**0.00124**	< 0.000189
MW-122	12/14/2021	**0.00227**	**0.0258**	< 0.000285	**0.000254 J**	**0.00104 J**	**0.00122**	< 0.000234
MW-122	12/15/2022	**0.00087 J**	**0.0127**	< 0.00059	< 0.000714	< 0.000791	**0.00099 J**	< 0.000638
MW-145	05/22/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-145	04/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	10/13/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	04/13/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	10/23/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	04/13/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	10/21/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	04/27/2011	**0.00065 J**	**0.0019 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-145	10/21/2011	**0.0053**	**0.0026 J**	< 0.0005	**0.0016 J**	< 0.0005	< 0.0006	< 0.0005
MW-145	03/28/2012	**0.011**	**0.0091**	< 0.0005	**0.0049 J**	< 0.0005	**0.0023 J**	**0.001 J**
MW-145	04/13/2012	**0.01**	**0.0073**	< 0.0005	**0.0049 J**	**0.0011 J**	**0.0025 J**	< 0.0005
MW-145	11/07/2012	**0.0011 J**	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-145	02/20/2013	**0.0022 J**	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-145	05/08/2013	**0.003 J**	**0.0019 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-145	08/30/2013	**0.0038 J**	**0.0026 J**	< 0.0005	**0.0012 J**	< 0.001	< 0.001	**0.00056 J**
MW-145	11/20/2013	**0.0031 J**	**0.002 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-145	01/29/2014	**0.007**	**0.0053**	< 0.0005	**0.0008 J**	< 0.0005	< 0.0006	**0.00062 J**
MW-145	06/25/2014	**0.0043 J**	**0.0034 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	**0.0005 J**
MW-145	08/21/2014	**0.013**	**0.009**	< 0.0005	**0.0011 J**	< 0.0005	< 0.0006	**0.0013 J**
MW-145	11/19/2014	**0.014**	**0.0084**	< 0.0005	**0.001 J**	< 0.0005	< 0.0006	**0.0017 J**
MW-145	03/19/2015	**0.015**	**0.011**	< 0.0005	**0.0018 J**	**0.00072 J**	**0.00082 J**	**0.0021**
MW-145	07/20/2015	**0.012**	**0.0096**	< 0.0005	**0.0022 J**	< 0.0005	< 0.0006	**0.0012 J**
MW-145	09/30/2015	**0.0077**	**0.007**	< 0.0005	**0.002 J**	**0.00057 J**	**0.0015 J**	**0.00092 J**
MW-145	12/04/2015	**0.0046 J**	< 0.0005	< 0.0005	**0.0033 J**	**0.00076 J**	**0.0018 J**	**0.00075 J**
MW-145	03/31/2016	**0.0015 J**	**0.0023 J**	< 0.0005	**0.0022 J**	< 0.0005	**0.0013 J**	< 0.0004
MW-145	06/07/2016	**0.0015 J**	**0.0023 J**	< 0.0005	**0.0031 J**	< 0.0005	**0.001 J**	< 0.0004
MW-145	09/08/2016	**0.0033**	**0.00591**	< 0.000116	**0.0111**	**0.00105**	**0.00179**	**0.00147 J**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-145	12/06/2016	**0.00173**	**0.00384**	< 0.000116	**0.0104**	**0.000729 J**	**0.00207**	**0.00125 J**
MW-145	06/08/2017	**0.000192 J**	**0.000361 J**	< 0.000116	**0.000561 J**	< 0.000138	< 0.000333	< 0.000248
MW-145	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-145	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-145	12/20/2019	< 0.00168	< 0.00192	< 0.00116	< 0.00157	< 0.00138	< 0.00333	< 0.00248
MW-145	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-146	05/22/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0011 J**	< 0.0005	< 0.0006
MW-146	08/01/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-146	10/16/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-146	04/15/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	10/13/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	04/13/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	10/23/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	04/13/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	10/21/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	04/27/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	10/19/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	03/28/2012	**0.0068**	**0.0091**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-146	04/13/2012	**0.0091**	**0.011**	< 0.0005	**0.003 J**	< 0.0005	< 0.0006	< 0.0005
MW-146	08/21/2012	**0.018**	**0.02**	< 0.0005	**0.0059**	< 0.001	< 0.001	< 0.0005
MW-146	11/07/2012	**0.019**	**0.021**	< 0.0005	**0.0058**	< 0.001	< 0.001	< 0.0005
MW-146	02/20/2013	**0.015**	**0.022**	< 0.0005	**0.0049 J**	< 0.001	< 0.001	< 0.0005
MW-146	05/08/2013	**0.02**	**0.031**	< 0.0005	**0.0054**	< 0.001	< 0.001	< 0.0005
MW-146	08/30/2013	**0.031**	**0.051**	< 0.0005	**0.0071**	< 0.001	< 0.001	**0.0011 J**
MW-146	11/20/2013	**0.032**	**0.049**	< 0.0005	**0.0055**	< 0.001	< 0.001	**0.0013 J**
MW-146	01/29/2014	**0.022**	**0.035**	< 0.0005	**0.0035 J**	< 0.0005	< 0.0006	**0.0012 J**
MW-146	06/25/2014	**0.023**	**0.037**	< 0.0005	**0.0022 J**	< 0.0005	< 0.0006	**0.0015 J**
MW-146	08/21/2014	**0.022**	**0.039**	< 0.0005	**0.0023 J**	< 0.0005	< 0.0006	**0.0017 J**
MW-146	11/19/2014	**0.02**	**0.039**	< 0.0005	**0.0017 J**	< 0.0005	< 0.0006	**0.0021**
MW-146	03/19/2015	**0.02**	**0.045**	< 0.0005	**0.0015 J**	< 0.0005	< 0.0006	**0.0024**
MW-146	07/20/2015	**0.024**	**0.049**	< 0.0005	**0.0017 J**	< 0.0005	< 0.0006	**0.0015 J**
MW-146	09/30/2015	**0.014**	**0.032**	< 0.0005	**0.00092 J**	< 0.0005	< 0.0006	**0.0011 J**
MW-146	11/23/2015	**0.012**	**0.03**	< 0.0005	**0.00063 J**	< 0.0005	< 0.0006	**0.001 J**
MW-146	03/31/2016	**0.015**	**0.035**	< 0.0005	**0.00097 J**	< 0.0005	**0.00077 J**	**0.0011 J**
MW-146	06/06/2016	**0.012**	**0.03**	< 0.0005	< 0.0006	< 0.0005	**0.00073 J**	**0.00079 J**
MW-146	09/08/2016	**0.00504**	**0.0421**	< 0.000116	**0.00122**	**0.00111**	**0.0018**	**0.000545 J**
MW-146	12/06/2016	**0.00336**	**0.0185**	< 0.000116	**0.00105**	**0.00161**	**0.00459**	**0.000526 J**
MW-146	06/08/2017	**0.000349 J**	**0.00299**	< 0.000116	**0.000288 J**	**0.000685 J**	**0.00157**	< 0.000248
MW-146	11/29/2017	**0.000919 J**	**0.00397**	< 0.000116	**0.00334**	**0.00308**	**0.00543**	< 0.000248
MW-146	12/13/2018	**0.00179**	**0.00361**	< 0.000116	**0.00984**	**0.00237**	**0.0141**	**0.00328**
MW-146	12/19/2019	**0.00068 J**	**0.00122**	< 0.000116	**0.000976 J**	**0.000387 J**	**0.00106**	**0.000285 J**
MW-146	12/16/2020	< 0.000245	< 0.000216	< 0.000285	**0.00197**	< 0.000424	< 0.0005	< 0.000189
MW-146	12/20/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-146	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-147	05/22/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	**0.0012 J**	< 0.0005	< 0.0006
MW-147	08/02/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-147	11/28/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-147	04/17/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-147	10/18/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-147	03/28/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-147	11/07/2012	< 0.0005	**0.0063**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-147	05/08/2013	**0.00084 J**	**0.032**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-147	06/20/2013	< 0.0005	**0.036**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-147	11/27/2013	**0.0017 J**	**0.035**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-147	01/29/2014	**0.0017 J**	**0.035**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	06/24/2014	**0.0033 J**	**0.026**	< 0.0005	**0.0007 J**	**0.00086 J**	**0.0048 J**	< 0.0004
MW-147	08/21/2014	**0.0035 J**	**0.023**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	11/20/2014	**0.0051**	**0.018**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	03/19/2015	**0.007**	**0.017**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	**0.00071 J**
MW-147	07/20/2015	**0.0067**	**0.014**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	**0.00061 J**

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-147	09/30/2015	**0.0051**	**0.011**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	11/23/2015	**0.0047 J**	**0.0091**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	**0.00049 J**
MW-147	03/30/2016	**0.0031 J**	**0.0062**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	06/06/2016	**0.0025 J**	**0.0048 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-147	09/08/2016	**0.00739**	**0.0133**	**0.000178 J**	**0.00155**	**0.000696 J**	**0.000894 J**	**0.0012 J**
MW-147	12/06/2016	**0.0105**	**0.0146**	**0.000208 J**	**0.00388**	**0.00232**	**0.00629**	**0.00228**
MW-147	06/08/2017	**0.00173**	**0.00185**	< 0.000116	**0.000452 J**	**0.00039 J**	**0.000615 J**	< 0.000248
MW-147	11/29/2017	**0.0108**	**0.013**	< 0.000116	**0.0225**	**0.0306**	**0.041**	**0.00397**
MW-147	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.000475 J**	< 0.000248
MW-147	12/19/2019	**0.000354 J**	**0.000742 J**	< 0.000116	**0.000948 J**	**0.000553 J**	**0.00178**	< 0.000248
MW-147	12/16/2020	**0.00638**	**0.00918**	< 0.000285	**0.0169**	**0.00464**	**0.014**	< 0.000189
MW-147	12/14/2021	**0.00075 J**	**0.00164**	< 0.000285	**0.00233**	**0.00111 J**	**0.00304**	< 0.000234
MW-147	12/16/2022	**0.000998 J**	**0.00163**	< 0.00059	**0.00233**	**0.00114 J**	**0.00536**	< 0.000638
MW-160	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-160	05/07/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-160	11/19/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-160	06/26/2014	**0.00087 J**	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-160	11/19/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-160	07/20/2015	< 0.0004	**0.0011 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-160	12/04/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-160	06/07/2016	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-160	12/08/2016	**0.000199 J**	**0.000619 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-160	06/08/2017	**0.00219**	**0.0108**	< 0.000116	**0.000254 J**	< 0.000138	< 0.000333	**0.000312 J**
MW-160	11/29/2017	**0.000623 J**	**0.00495**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-160	12/13/2018	< 0.000168	**0.000389 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-160	12/20/2019	< 0.00168	**0.00303 J**	< 0.00116	< 0.00157	< 0.00138	< 0.00333	< 0.00248
MW-160	12/16/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189
MW-160	12/20/2021	**0.00103**	**0.00235**	< 0.000285	**0.00287**	**0.00169 J**	**0.00276**	< 0.000234
MW-160	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-161	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	**0.004 J**	< 0.001	< 0.0005
MW-161	05/06/2013	< 0.0005	**0.0014 J**	< 0.0005	< 0.001	**0.0035 J**	< 0.001	< 0.0005
MW-161	11/19/2013	< 0.0005	**0.00098 J**	< 0.0005	< 0.001	**0.0013 J**	< 0.001	< 0.0005
MW-161	06/26/2014	**0.0007 J**	**0.0022 J**	< 0.0005	< 0.0006	**0.0013 J**	< 0.0006	< 0.0004
MW-161	11/19/2014	< 0.0004	**0.00081 J**	< 0.0005	< 0.0006	**0.00065 J**	< 0.0006	< 0.0004
MW-161	07/20/2015	**0.00066 J**	**0.0014 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-161	12/04/2015	**0.00057 J**	**0.0016 J**	< 0.0005	< 0.0006	**0.00092 J**	< 0.0006	< 0.0004
MW-161	06/06/2016	< 0.0004	**0.0011 J**	< 0.0005	< 0.0006	**0.00083 J**	< 0.0006	< 0.0004
MW-161	12/08/2016	**0.000347 J**	**0.00402**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-161	06/08/2017	< 0.000168	**0.00412**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-161	11/29/2017	**0.000864 J**	**0.0189**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-161	12/13/2018	< 0.000168	**0.000764 J**	< 0.000116	< 0.000157	< 0.000138	**0.000612 J**	< 0.000248
MW-161	12/20/2019	**0.00464**	**0.0178**	< 0.000116	**0.00026**	**0.000182**	< 0.000333	< 0.000248
MW-161	12/16/2020	**0.0201**	**0.0871**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189
MW-161	12/14/2021	**0.0111**	**0.0482**	< 0.000285	**0.00137**	**0.000726 J**	**0.00147**	< 0.000234
MW-161	12/16/2022	**0.00668**	**0.0334**	< 0.00059	**0.0012**	**0.00103 J**	**0.00327**	< 0.000638
MW-162	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-162	05/08/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-162	11/19/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-162	06/24/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-162	11/20/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-162	07/20/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-162	12/04/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-162	06/06/2016	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-162	12/07/2016	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	11/30/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	06/27/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	06/12/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-162	12/16/2020	< 0.000245	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000189

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-162	12/20/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-162	12/16/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-163	11/07/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-163	05/06/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-163	11/19/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-163	06/23/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-163	11/20/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-163	07/20/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-163	12/04/2015	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-163	06/06/2016	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-163	12/07/2016	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	06/08/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	11/30/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	06/27/2018	< 0.000168	**0.000429 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	12/13/2018	< 0.000168	**0.000209 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	06/12/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-163	12/20/2021	**0.0148**	**0.0168**	< 0.000285	**0.00148**	**0.000683 J**	**0.000835 J**	**0.0011 J**
MW-163	05/19/2022	**0.0189**	< 0.000216	< 0.000285	**0.00453**	**0.00234 J**	**0.0039**	**0.00227**
MW-163	12/16/2022	**0.0142**	**0.0337**	< 0.00059	**0.00662**	**0.00468 J**	**0.00809**	**0.00213**
MW-168	12/04/2007	< 0.0005	< 0.0006	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0006
MW-168	04/17/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	10/14/2008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	04/16/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	10/22/2009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	04/15/2010	< 0.0005	< 0.0005 UJ	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	10/22/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	05/02/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	10/20/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	03/27/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-168	11/08/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-168	05/07/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-168	11/19/2013	< 0.0005	**0.0018 J**	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-168	06/18/2014	< 0.0004	**0.00077 J**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	11/25/2014	**0.0059**	**0.029**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	12/22/2014	**0.0045 J**	**0.023**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	03/19/2015	**0.022**	**0.12**	< 0.0005	< 0.0006	**0.0005 J**	< 0.0006	**0.00064 J**
MW-168	07/21/2015	**0.042**	**0.16**	**0.00077 J**	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	10/01/2015	**0.027**	**0.13**	**0.00077 J**	**0.00075 J**	< 0.0005	**0.00094 J**	< 0.0004
MW-168	11/19/2015	**0.021**	**0.092**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	03/30/2016	**0.0072**	**0.043**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-168	06/07/2016	**0.0019 J**	**0.0076**	< 0.0005	< 0.0006	**0.0013 J**	**0.0038 J**	< 0.0004
MW-168	09/08/2016	**0.0416**	**0.106**	**0.000775 J**	**0.00099 J**	**0.000549 J**	**0.000473 J**	< 0.000248
MW-168	12/08/2016	**0.0193**	**0.0562**	**0.000452 J**	**0.000578 J**	**0.000384 J**	< 0.000333	< 0.000248
MW-168	06/08/2017	**0.00993**	**0.045**	**0.000281 J**	**0.000476 J**	**0.000516 J**	**0.000631 J**	< 0.000248
MW-168	11/30/2017	**0.00507**	**0.0231**	**0.000386 J**	**0.00049 J**	**0.000626 J**	**0.00164**	< 0.000248
MW-168	12/13/2018	**0.00669**	**0.0321**	**0.000177 J**	**0.00164**	**0.00434**	**0.0191**	< 0.000248 UJ
MW-168	12/23/2019	**0.00209**	**0.00736**	< 0.000116	**0.00241**	**0.00496**	**0.0376**	< 0.000248
MW-168	12/17/2020	**0.00328**	**0.0105**	**0.000732 J**	**0.005**	**0.0102**	**0.0669**	< 0.0003
MW-168	12/14/2021	**0.00282**	**0.00983**	**0.000794 J**	**0.00638**	**0.0138**	**0.0952**	**0.000252 J**
MW-168	12/15/2022	**0.00517**	**0.0214**	**0.00137**	**0.0118**	**0.0279**	**0.152**	< 0.000638
MW-173	03/05/2009	**0.0022 J**	**0.024**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	04/16/2009	**0.0026 J**	**0.026**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	08/07/2009	**0.0037 J**	**0.021**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	10/23/2009	**0.0047 J**	**0.032**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	02/12/2010	**0.0039 J**	**0.035**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	04/16/2010	**0.0025 J**	**0.023**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	08/10/2010	< 0.0005	**0.00063 J**	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	10/22/2010	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	05/02/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005

MW ID	Sample Date	1,1-Dichloroethane mg/L	1,1-Dichloroethene mg/L	1,2-Dichloroethane mg/L	cis-1,2-Dichloroethene mg/L	Trichloroethene mg/L	Tetrachloroethene mg/L	Vinyl Chloride mg/L
	cPCL	**4.9**	**0.007**	**0.005**	**0.07**	**0.005**	**0.005**	**0.002**
MW-173	08/22/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	10/20/2011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	02/06/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	03/27/2012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0006	< 0.0005
MW-173	11/08/2012	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-173	05/08/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-173	11/18/2013	< 0.0005	< 0.0006	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005
MW-173	06/18/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-173	11/25/2014	< 0.0004	< 0.0005	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-173	07/21/2015	**0.092**	**0.24**	**0.0019 J**	**0.0028 J**	**0.0013 J**	< 0.0006	**0.0022**
MW-173	11/19/2015	**0.011**	**0.065**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-173	06/07/2016	**0.0082**	**0.032**	< 0.0005	< 0.0006	< 0.0005	< 0.0006	< 0.0004
MW-173	09/08/2016	**0.108**	**0.208**	**0.00175**	**0.00153**	**0.000786 J**	**0.000632 J**	**0.00069 J**
MW-173	12/08/2016	**0.00574**	**0.0227**	**0.000203 JH**	< 0.000157	**0.000144 J**	< 0.000333	< 0.000248
MW-173	06/08/2017	< 0.000168	**0.000696 J**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-173	11/29/2017	**0.000483 J**	**0.00176**	**0.000215 J**	**0.000371 J**	**0.000715 J**	**0.00291**	< 0.000248
MW-173	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.00154**	< 0.000248 UJ
MW-173	12/23/2019	**0.00218**	**0.0114**	**0.000327 J**	**0.00648**	**0.0161**	**0.128**	**0.00134 J**
MW-173	12/17/2020	< 0.000244	**0.00328**	< 0.000285	**0.00194**	**0.00371**	**0.012**	< 0.000234
MW-178	05/02/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248 UJ
MW-178	06/08/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-178	11/29/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-178	06/27/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-178	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248 UJ
MW-178	06/12/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-178	12/19/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-178	12/16/2020	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-178	12/14/2021	< 0.000244	< 0.000216	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-178	12/14/2022	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-179	11/30/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-179	06/27/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-179	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-179	06/12/2019	< 0.000168	**0.000406 J**	< 0.000116	< 0.000157	< 0.000138	**0.000563 J**	< 0.000248
MW-179	12/23/2019	< 0.000168	**0.00115**	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-179	12/17/2020	**0.00029 J**	**0.00351**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-179	12/15/2021	< 0.000244	**0.00433**	< 0.000285	< 0.000174	< 0.000424	< 0.0005	< 0.000234
MW-179	12/15/2022	< 0.000635	**0.00526**	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638
MW-180	11/30/2017	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-180	06/27/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-180	12/13/2018	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	< 0.000333	< 0.000248
MW-180	06/12/2019	< 0.000168	< 0.000192	< 0.000116	< 0.000157	< 0.000138	**0.000491 J**	< 0.000248
MW-180	01/03/2023	< 0.000635	< 0.000738	< 0.00059	< 0.000714	< 0.000791	< 0.000801	< 0.000638

Notes:

Bold values indicate a detected concentration.

Bold and shaded values exceed the cPCL.

< = nondetected result less than the sample detection limit

-- = not analyzed

cPCL = critical protective concentration level

ID = identification

J = estimated concentration

JH = estimated concentration, biased high

JL = estimated concentration, biased low

mg/L = milligram(s) per liter

Appendix F
Waste Manifest 2022

Site Address: 1000 Silber Road
Houston,TX 77055

SC PPW 11/1/2022

WORK ORDER NO 2300057351

DOCUMENT NO. 1753327 **STRAIGHT BILL OF LADING**

TRANSPORTER 1 Clean Harbors Environmental Services, Inc. VEHICLE ID #

EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000

TRANSPORTER 2 VEHICLE ID #

EPA ID # TRANS. 2 PHONE

DESIGNATED FACILITY Clean Harbors LaPorte, LLC			SHIPPER ATTN:Allison Lindsey Schlumberger Technology Corporation		
FACILITY EPA ID # TXD982290140			SHIPPER EPA ID # NONEREQUIRED		
ADDRESS 500 Independence Parkway South			ADDRESS Generator's Agent: CH2MHill 1001 Highlands Plaza Dr. Suite 400		
CITY La Porte	STATE TX	ZIP 77571	CITY St. Louis	STATE MO	ZIP 63110

CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
1	DM		A. NON HAZARDOUS, NON D.O.T. REGULATED, (PPE, DEBRIS)	200	P
1	DM		B. NON HAZARDOUS, NON D.O.T. REGULATED, (CLASS 2)	500	P
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		

SPECIAL HANDLING INSTRUCTIONS
A.CH1453895 B.CH1453867

1 x 55DM
EMERGENCY PHONE #: (800) 483-3718
1 x 55DM

GENERATOR: Schlumberger Technology Corporation

SHIPPERS CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

	PRINT	SIGN	DATE
SHIPPER	David Rowan/CH2M as agent for Schlumberger Technology Corporation	David Rowan	2-1-23
TRANSPORTER 1	Vzedric Fosh	V. Fosh	2-1-23
TRANSPORTER 2			
RECEIVED BY	Andrew		2/1/23

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

CH1107