

Archived: Friday, February 14, 2025 11:05:05 AM

From: [Steve Cassulo](#)

Sent: Friday, February 7, 2025 3:18:23 PM

To: bchen@aqmd.gov NDickel@aqmd.gov [Christina Ojeda](#)

Cc: [Nicole Ward](#) [Amanda Froman](#)

Subject: Chiquita Canyon Landfill – Case No. 6177-4 – Condition 38 Sampling

Importance: Normal

Sensitivity: None

Attachments:

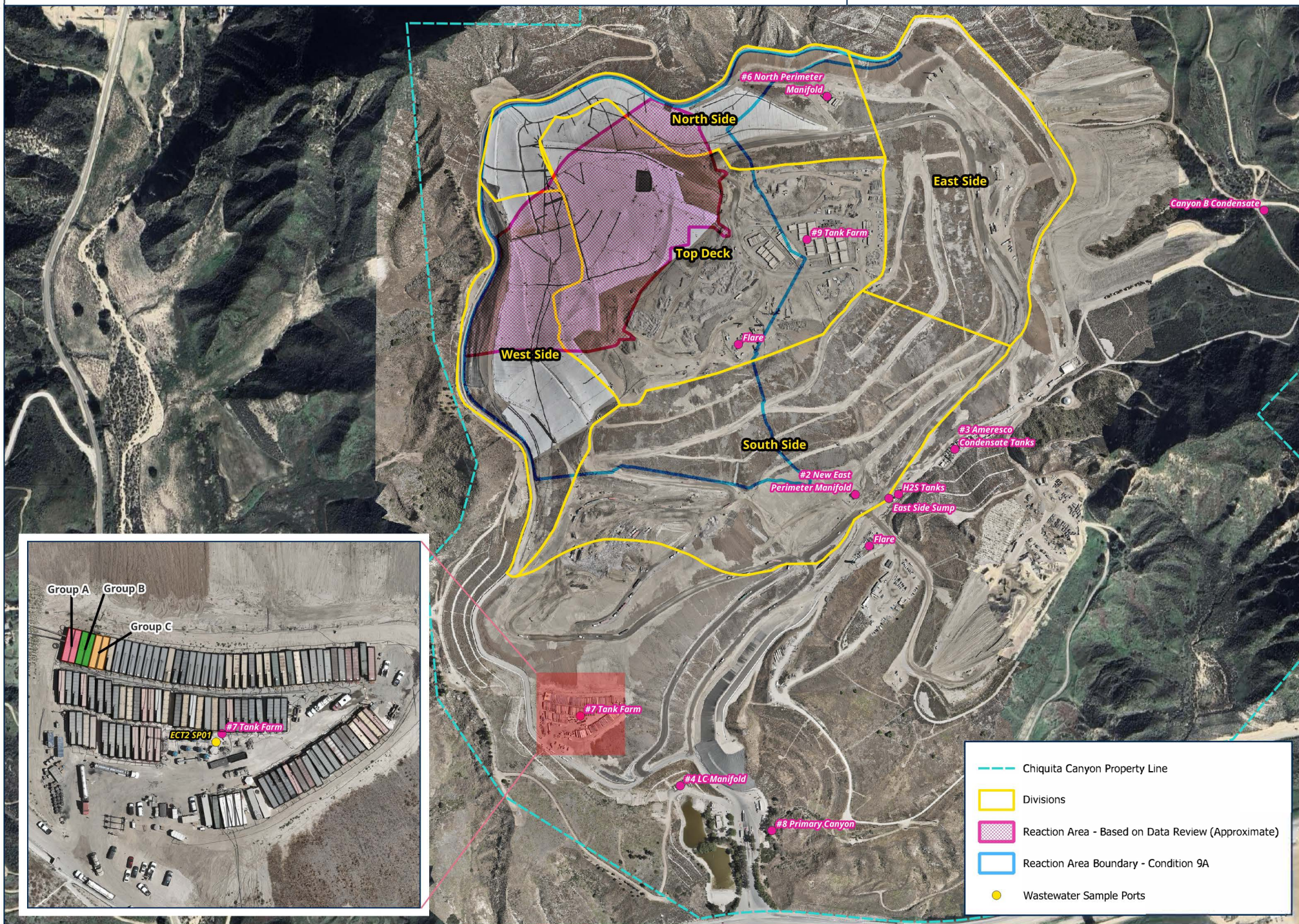
[Tanks and Manifolds_1.4.2025.pdf](#)  [25126_level2.pdf](#) 

[EXTERNAL SENDER: Use caution with links/attachments]

All,

In accordance with Condition 38 of the Stipulated Order for Abatement in Case No. 6177-4, Chiquita Canyon, LLC attaches the leachate analytical results from its monthly representative sampling of liquids from the Reaction Area and bottom tanks. In the attached analytical results, received on February 4, 2025, sample ID CACA250202Z007LCM624.1 corresponds to the sample taken from the #4 LC Manifold tanks and sample ID CACA250202Z001A624.1 corresponds to the sample taken from a sampling port that was installed upstream of the #7 Tank Farm Group A tanks. A map of these sampling points is attached for reference. The sampling point at the #4 LC Manifold tanks is the representative monthly sample from the area of the Landfill that is not affected by the reaction. The #4 LC Manifold tanks receive the gravity-fed leachate from the landfill liner. These tanks are also referred to as the “bottom tanks”, and they collect liquids/leachate from the entire Landfill. The sampling point at the sampling port upstream of the #7 Tank Farm Group A tanks (which is a group of tanks located within the #7 Tank Farm as shown on the attached map) is the representative monthly sample from the Reaction Area. This group of tanks collects untreated liquids/leachate pumped from across the Reaction Area.

Steve Cassulo
District Manager
661-371-9214





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

enthalpy.com

Lab Job Number : 525126
Report Level : II
Report Date : 02/04/2025

Analytical Report *prepared for:*

Kyle Lopic
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Project: CHIQUITA MONTHLY - Monthly EPA 624.1 - SOFA Condition 38

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

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

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Kyle Lopic	Lab Job #:	525126
CTEH Chiquita Canyon	Project No:	CHIQUITA MONTHLY
Landfill - PROJ-037507	Location:	Monthly EPA 624.1 - SOFA Condition 38
5120 Northshore Drive	Date Received:	02/03/25
North Little Rock, AR		
72118		

Sample ID	Lab ID	Collected	Matrix
CACA250202Z001A624.1	525126-001	02/02/25 11:00	Water
CACA250202Z007LCM624.1	525126-002	02/02/25 10:10	Water
CACA250202TB001	525126-003	02/02/25 10:00	Water

Case Narrative

CTEH Chiquita Canyon Landfill - PROJ-
037507
5120 Northshore Drive
North Little Rock, AR 72118
Kyle Lopic

Lab Job Number: 525126
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA
Condition 38
Date Received: 02/03/25

This data package contains sample and QC results for three water samples, requested for the above referenced project on 02/03/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 624.1):

- Low recoveries were observed for a number of analytes in the MS/MSD for batch 361954; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits. High recovery was observed for acetone in the MS for batch 361954; the BS/BSD were within limits, and the associated RPD was within limits.
- CACA250202Z001A624.1 (lab # 525126-001), CACA250202Z007LCM624.1 (lab # 525126-002), and CACA250202TB001 (lab # 525126-003) had pH greater than 2.
- No other analytical problems were encountered.

Detection Summary

Kyle Lopic
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Lab Job #: 525126
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 02/03/25

Sample ID: CACA250202Z001A624.1

Lab ID: 525126-001

Collected: 02/02/25 11:00

Matrix: Water

525126-001 Analyte	Result	Qual	Units	RL	MDL
Method: EPA 624.1 Prep Method: EPA 624.1					
Acetone	22,000		ug/L	850	850
2-Butanone	15,000		ug/L	500	100
Benzene	340		ug/L	25	5.0
4-Methyl-2-Pentanone	340	J	ug/L	500	72
Toluene	25		ug/L	25	11
2-Hexanone	140	J	ug/L	500	74
tert-Butyl Alcohol (TBA)	1,400		ug/L	500	450

Sample ID:

Lab ID: 525126-002

Collected: 02/02/25 10:10

CACA250202Z007LCM624.1

Matrix: Water

525126-002 Analyte	Result	Qual	Units	RL	MDL
Method: EPA 624.1 Prep Method: EPA 624.1					
Acetone	2,100		ug/L	850	850
2-Butanone	2,400		ug/L	500	100
Benzene	7.7	J	ug/L	25	5.0
Toluene	14	J	ug/L	25	11
para-Isopropyl Toluene	7.7	J	ug/L	25	5.6
tert-Butyl Alcohol (TBA)	1,900		ug/L	500	450

Sample ID: CACA250202TB001

Lab ID: 525126-003

Collected: 02/02/25 10:00

No Detections

J Estimated value

Chain of Custody Record		Turn Around Time (rush by advanced notice only)			
Lab No: 525124		Standard:		5 Day:	3 Day:
Page: 1 of 1		2 Day:		1 Day:	Custom TAT:
Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Matrix: A = Air S = Soil/Solid Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other			
PROJECT INFORMATION LIMS Account: CTEH-CHICUITA LIMS Proj. Name: WC CHIQUITACANYON LF Project #: Proj-037507 P.O. #: PO-4050-24-00351 Address: 29201 Henry Mayo Dr., Castaic, CA Global ID: Sampled By: EC, IC, MT		Analysis Request EPA 624.1 Trip Blank			
CUSTOMER INFORMATION Company: CTEH Report To: Kyle Lopic Email: labresults@cteh.com Address: 5120 North Shore Drive North Little Rock, AR 72118 Phone: 504-616-2427 Fax:		Test Instructions / Comments DAILY LEACHATES For reporting total concentrations on TCLP List analytes. HOLD samples for further process, as needed. Then return to Chiquita Canyon LF. Email report to: kylapic@montrose-env.com labresults@cteh.com; et al.			
Sample ID 1 CACA250202001A624.1 2 CACA250202007LCM624.1 3 CACA250202TB001 4 5 6 7 8 9		Preservatives: 1 = Sample Receipt Temp: 5-8/5-9 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other 7 = 11 CF: 7-6-1 (lab use only)			
Signature Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature]		Print Name Ten Carter II Markelto L. Hayes Markelto L. Hayes Fagan CTEH CTEH CTEH CTEH CTEH			
Date / Time 2/3/2025 0530 2/3/2025 0530 2/3/2025 0530 2/3/25 0750		Company / Title CTEH CTEH CTEH CTEH CTEH			

Analysis Results for 525126

Kyle Lopic
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Lab Job #: 525126
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 02/03/25

Sample ID: CACA250202Z001A624.1

Lab ID: 525126-001

Collected: 02/02/25 11:00

Matrix: Water

525126-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 624.1										
Prep Method: EPA 624.1										
Acrolein	ND		ug/L	250	210	50	361954	02/03/25	02/03/25	ZST
Acrylonitrile	ND		ug/L	100	14	50	361954	02/03/25	02/03/25	ZST
Freon 12	ND		ug/L	50	13	50	361954	02/03/25	02/03/25	ZST
Chloromethane	ND		ug/L	50	21	50	361954	02/03/25	02/03/25	ZST
Vinyl Chloride	ND		ug/L	25	7.3	50	361954	02/03/25	02/03/25	ZST
Bromomethane	ND		ug/L	50	38	50	361954	02/03/25	02/03/25	ZST
Chloroethane	ND		ug/L	50	7.8	50	361954	02/03/25	02/03/25	ZST
2-Chloroethylvinylether	ND		ug/L	250	72	50	361954	02/03/25	02/03/25	ZST
Trichlorofluoromethane	ND		ug/L	50	6.8	50	361954	02/03/25	02/03/25	ZST
Acetone	22,000		ug/L	850	850	50	361954	02/03/25	02/03/25	ZST
Freon 113	ND		ug/L	100	7.0	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Methylene Chloride	ND		ug/L	500	180	50	361954	02/03/25	02/03/25	ZST
Carbon Disulfide	ND		ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
MTBE	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	25	5.9	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethane	ND		ug/L	25	4.8	50	361954	02/03/25	02/03/25	ZST
2-Butanone	15,000		ug/L	500	100	50	361954	02/03/25	02/03/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
2,2-Dichloropropane	ND		ug/L	25	7.7	50	361954	02/03/25	02/03/25	ZST
Chloroform	ND		ug/L	25	5.4	50	361954	02/03/25	02/03/25	ZST
Bromochloromethane	ND		ug/L	25	8.5	50	361954	02/03/25	02/03/25	ZST
1,1,1-Trichloroethane	ND		ug/L	25	5.3	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloropropene	ND		ug/L	25	6.1	50	361954	02/03/25	02/03/25	ZST
Carbon Tetrachloride	ND		ug/L	25	5.1	50	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane	ND		ug/L	25	9.6	50	361954	02/03/25	02/03/25	ZST
Benzene	340		ug/L	25	5.0	50	361954	02/03/25	02/03/25	ZST
Trichloroethene	ND		ug/L	25	6.5	50	361954	02/03/25	02/03/25	ZST
1,2-Dichloropropane	ND		ug/L	25	5.7	50	361954	02/03/25	02/03/25	ZST
Bromodichloromethane	ND		ug/L	25	5.1	50	361954	02/03/25	02/03/25	ZST
Dibromomethane	ND		ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
4-Methyl-2-Pentanone	340	J	ug/L	500	72	50	361954	02/03/25	02/03/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Toluene	25		ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	25	7.4	50	361954	02/03/25	02/03/25	ZST
1,1,2-Trichloroethane	ND		ug/L	25	8.0	50	361954	02/03/25	02/03/25	ZST
2-Hexanone	140	J	ug/L	500	74	50	361954	02/03/25	02/03/25	ZST
1,3-Dichloropropane	ND		ug/L	25	7.9	50	361954	02/03/25	02/03/25	ZST
Tetrachloroethene	ND		ug/L	25	7.0	50	361954	02/03/25	02/03/25	ZST
Dibromochloromethane	ND		ug/L	25	6.0	50	361954	02/03/25	02/03/25	ZST
1,2-Dibromoethane	ND		ug/L	25	8.8	50	361954	02/03/25	02/03/25	ZST

Analysis Results for 525126

525126-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	25	6.5	50	361954	02/03/25	02/03/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	25	7.8	50	361954	02/03/25	02/03/25	ZST
Ethylbenzene	ND		ug/L	25	5.8	50	361954	02/03/25	02/03/25	ZST
m,p-Xylenes	ND		ug/L	25	12	50	361954	02/03/25	02/03/25	ZST
o-Xylene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Styrene	ND		ug/L	25	4.0	50	361954	02/03/25	02/03/25	ZST
Bromoform	ND		ug/L	50	8.5	50	361954	02/03/25	02/03/25	ZST
Isopropylbenzene	ND		ug/L	25	4.7	50	361954	02/03/25	02/03/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	25	7.4	50	361954	02/03/25	02/03/25	ZST
1,2,3-Trichloropropane	ND		ug/L	25	9.5	50	361954	02/03/25	02/03/25	ZST
Propylbenzene	ND		ug/L	25	5.4	50	361954	02/03/25	02/03/25	ZST
Bromobenzene	ND		ug/L	25	7.0	50	361954	02/03/25	02/03/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	25	5.2	50	361954	02/03/25	02/03/25	ZST
2-Chlorotoluene	ND		ug/L	25	6.2	50	361954	02/03/25	02/03/25	ZST
4-Chlorotoluene	ND		ug/L	25	5.8	50	361954	02/03/25	02/03/25	ZST
tert-Butylbenzene	ND		ug/L	25	5.5	50	361954	02/03/25	02/03/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	25	4.8	50	361954	02/03/25	02/03/25	ZST
sec-Butylbenzene	ND		ug/L	25	4.2	50	361954	02/03/25	02/03/25	ZST
para-Isopropyl Toluene	ND		ug/L	25	5.6	50	361954	02/03/25	02/03/25	ZST
1,3-Dichlorobenzene	ND		ug/L	25	6.9	50	361954	02/03/25	02/03/25	ZST
1,4-Dichlorobenzene	ND		ug/L	25	7.9	50	361954	02/03/25	02/03/25	ZST
n-Butylbenzene	ND		ug/L	25	5.5	50	361954	02/03/25	02/03/25	ZST
1,2-Dichlorobenzene	ND		ug/L	25	6.1	50	361954	02/03/25	02/03/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	20	50	361954	02/03/25	02/03/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	25	7.6	50	361954	02/03/25	02/03/25	ZST
Hexachlorobutadiene	ND		ug/L	100	9.0	50	361954	02/03/25	02/03/25	ZST
Naphthalene	ND		ug/L	100	13	50	361954	02/03/25	02/03/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	25	7.3	50	361954	02/03/25	02/03/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	25	4.7	50	361954	02/03/25	02/03/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
tert-Butyl Alcohol (TBA)	1,400		ug/L	500	450	50	361954	02/03/25	02/03/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	7.6	50	361954	02/03/25	02/03/25	ZST
Xylene (total)	ND		ug/L	25		50	361954	02/03/25	02/03/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	25		50	361954	02/03/25	02/03/25	ZST
Surrogates	Limits									
Dibromofluoromethane	109%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane-d4	93%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
Toluene-d8	97%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
Bromofluorobenzene	101%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST

Analysis Results for 525126

Sample ID: CACA250202Z007LCM624.1	Lab ID: 525126-002 Matrix: Water	Collected: 02/02/25 10:10
---	---	----------------------------------

525126-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 624.1 Prep Method: EPA 624.1										
Acrolein	ND		ug/L	250	210	50	361954	02/03/25	02/03/25	ZST
Acrylonitrile	ND		ug/L	100	14	50	361954	02/03/25	02/03/25	ZST
Freon 12	ND		ug/L	50	13	50	361954	02/03/25	02/03/25	ZST
Chloromethane	ND		ug/L	50	21	50	361954	02/03/25	02/03/25	ZST
Vinyl Chloride	ND		ug/L	25	7.3	50	361954	02/03/25	02/03/25	ZST
Bromomethane	ND		ug/L	50	38	50	361954	02/03/25	02/03/25	ZST
Chloroethane	ND		ug/L	50	7.8	50	361954	02/03/25	02/03/25	ZST
2-Chloroethylvinylether	ND		ug/L	250	72	50	361954	02/03/25	02/03/25	ZST
Trichlorofluoromethane	ND		ug/L	50	6.8	50	361954	02/03/25	02/03/25	ZST
Acetone	2,100		ug/L	850	850	50	361954	02/03/25	02/03/25	ZST
Freon 113	ND		ug/L	100	7.0	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Methylene Chloride	ND		ug/L	500	180	50	361954	02/03/25	02/03/25	ZST
Carbon Disulfide	ND		ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
MTBE	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	25	5.9	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethane	ND		ug/L	25	4.8	50	361954	02/03/25	02/03/25	ZST
2-Butanone	2,400		ug/L	500	100	50	361954	02/03/25	02/03/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
2,2-Dichloropropane	ND		ug/L	25	7.7	50	361954	02/03/25	02/03/25	ZST
Chloroform	ND		ug/L	25	5.4	50	361954	02/03/25	02/03/25	ZST
Bromochloromethane	ND		ug/L	25	8.5	50	361954	02/03/25	02/03/25	ZST
1,1,1-Trichloroethane	ND		ug/L	25	5.3	50	361954	02/03/25	02/03/25	ZST
1,1-Dichloropropene	ND		ug/L	25	6.1	50	361954	02/03/25	02/03/25	ZST
Carbon Tetrachloride	ND		ug/L	25	5.1	50	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane	ND		ug/L	25	9.6	50	361954	02/03/25	02/03/25	ZST
Benzene	7.7	J	ug/L	25	5.0	50	361954	02/03/25	02/03/25	ZST
Trichloroethene	ND		ug/L	25	6.5	50	361954	02/03/25	02/03/25	ZST
1,2-Dichloropropane	ND		ug/L	25	5.7	50	361954	02/03/25	02/03/25	ZST
Bromodichloromethane	ND		ug/L	25	5.1	50	361954	02/03/25	02/03/25	ZST
Dibromomethane	ND		ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	500	72	50	361954	02/03/25	02/03/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Toluene	14	J	ug/L	25	11	50	361954	02/03/25	02/03/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	25	7.4	50	361954	02/03/25	02/03/25	ZST
1,1,2-Trichloroethane	ND		ug/L	25	8.0	50	361954	02/03/25	02/03/25	ZST
2-Hexanone	ND		ug/L	500	74	50	361954	02/03/25	02/03/25	ZST
1,3-Dichloropropane	ND		ug/L	25	7.9	50	361954	02/03/25	02/03/25	ZST
Tetrachloroethene	ND		ug/L	25	7.0	50	361954	02/03/25	02/03/25	ZST
Dibromochloromethane	ND		ug/L	25	6.0	50	361954	02/03/25	02/03/25	ZST
1,2-Dibromoethane	ND		ug/L	25	8.8	50	361954	02/03/25	02/03/25	ZST
Chlorobenzene	ND		ug/L	25	6.5	50	361954	02/03/25	02/03/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	25	7.8	50	361954	02/03/25	02/03/25	ZST
Ethylbenzene	ND		ug/L	25	5.8	50	361954	02/03/25	02/03/25	ZST
m,p-Xylenes	ND		ug/L	25	12	50	361954	02/03/25	02/03/25	ZST

Analysis Results for 525126

525126-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	25	6.3	50	361954	02/03/25	02/03/25	ZST
Styrene	ND		ug/L	25	4.0	50	361954	02/03/25	02/03/25	ZST
Bromoform	ND		ug/L	50	8.5	50	361954	02/03/25	02/03/25	ZST
Isopropylbenzene	ND		ug/L	25	4.7	50	361954	02/03/25	02/03/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	25	7.4	50	361954	02/03/25	02/03/25	ZST
1,2,3-Trichloropropane	ND		ug/L	25	9.5	50	361954	02/03/25	02/03/25	ZST
Propylbenzene	ND		ug/L	25	5.4	50	361954	02/03/25	02/03/25	ZST
Bromobenzene	ND		ug/L	25	7.0	50	361954	02/03/25	02/03/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	25	5.2	50	361954	02/03/25	02/03/25	ZST
2-Chlorotoluene	ND		ug/L	25	6.2	50	361954	02/03/25	02/03/25	ZST
4-Chlorotoluene	ND		ug/L	25	5.8	50	361954	02/03/25	02/03/25	ZST
tert-Butylbenzene	ND		ug/L	25	5.5	50	361954	02/03/25	02/03/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	25	4.8	50	361954	02/03/25	02/03/25	ZST
sec-Butylbenzene	ND		ug/L	25	4.2	50	361954	02/03/25	02/03/25	ZST
para-Isopropyl Toluene	7.7	J	ug/L	25	5.6	50	361954	02/03/25	02/03/25	ZST
1,3-Dichlorobenzene	ND		ug/L	25	6.9	50	361954	02/03/25	02/03/25	ZST
1,4-Dichlorobenzene	ND		ug/L	25	7.9	50	361954	02/03/25	02/03/25	ZST
n-Butylbenzene	ND		ug/L	25	5.5	50	361954	02/03/25	02/03/25	ZST
1,2-Dichlorobenzene	ND		ug/L	25	6.1	50	361954	02/03/25	02/03/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	20	50	361954	02/03/25	02/03/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	25	7.6	50	361954	02/03/25	02/03/25	ZST
Hexachlorobutadiene	ND		ug/L	100	9.0	50	361954	02/03/25	02/03/25	ZST
Naphthalene	ND		ug/L	100	13	50	361954	02/03/25	02/03/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	25	7.3	50	361954	02/03/25	02/03/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	25	4.7	50	361954	02/03/25	02/03/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	6.6	50	361954	02/03/25	02/03/25	ZST
tert-Butyl Alcohol (TBA)	1,900		ug/L	500	450	50	361954	02/03/25	02/03/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	7.6	50	361954	02/03/25	02/03/25	ZST
Xylene (total)	ND		ug/L	25		50	361954	02/03/25	02/03/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	25		50	361954	02/03/25	02/03/25	ZST
Surrogates				Limits						
Dibromofluoromethane	111%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
Toluene-d8	91%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST
Bromofluorobenzene	100%		%REC	70-130		50	361954	02/03/25	02/03/25	ZST

Analysis Results for 525126

Sample ID: CACA250202TB001
Lab ID: 525126-003
Collected: 02/02/25 10:00
Matrix: Water

525126-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 624.1										
Prep Method: EPA 624.1										
Acrolein	ND		ug/L	5.0	4.2	1	361954	02/03/25	02/03/25	ZST
Acrylonitrile	ND		ug/L	2.0	0.3	1	361954	02/03/25	02/03/25	ZST
Freon 12	ND		ug/L	1.0	0.3	1	361954	02/03/25	02/03/25	ZST
Chloromethane	ND		ug/L	1.0	0.4	1	361954	02/03/25	02/03/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Bromomethane	ND		ug/L	1.0	0.8	1	361954	02/03/25	02/03/25	ZST
Chloroethane	ND		ug/L	1.0	0.2	1	361954	02/03/25	02/03/25	ZST
2-Chloroethylvinylether	ND		ug/L	5.0	1.4	1	361954	02/03/25	02/03/25	ZST
Trichlorofluoromethane	ND		ug/L	1.0	0.1	1	361954	02/03/25	02/03/25	ZST
Acetone	ND		ug/L	17	17	1	361954	02/03/25	02/03/25	ZST
Freon 113	ND		ug/L	2.0	0.1	1	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Methylene Chloride	ND		ug/L	10	3.5	1	361954	02/03/25	02/03/25	ZST
Carbon Disulfide	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
2-Butanone	ND		ug/L	10	2.0	1	361954	02/03/25	02/03/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Chloroform	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	10	1.4	1	361954	02/03/25	02/03/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
2-Hexanone	ND		ug/L	10	1.5	1	361954	02/03/25	02/03/25	ZST
1,3-Dichloropropane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
m,p-Xylenes	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST

Analysis Results for 525126

525126-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Styrene	ND		ug/L	0.5	0.08	1	361954	02/03/25	02/03/25	ZST
Bromoform	ND		ug/L	1.0	0.2	1	361954	02/03/25	02/03/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.09	1	361954	02/03/25	02/03/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Bromobenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.08	1	361954	02/03/25	02/03/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.4	1	361954	02/03/25	02/03/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Hexachlorobutadiene	ND		ug/L	2.0	0.2	1	361954	02/03/25	02/03/25	ZST
Naphthalene	ND		ug/L	2.0	0.3	1	361954	02/03/25	02/03/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.09	1	361954	02/03/25	02/03/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	1	361954	02/03/25	02/03/25	ZST
tert-Butyl Alcohol (TBA)	ND		ug/L	10	8.9	1	361954	02/03/25	02/03/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.2	1	361954	02/03/25	02/03/25	ZST
Xylene (total)	ND		ug/L	0.5		1	361954	02/03/25	02/03/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	0.5		1	361954	02/03/25	02/03/25	ZST
Surrogates				Limits						
Dibromofluoromethane	108%		%REC	70-130		1	361954	02/03/25	02/03/25	ZST
1,2-Dichloroethane-d4	93%		%REC	70-130		1	361954	02/03/25	02/03/25	ZST
Toluene-d8	95%		%REC	70-130		1	361954	02/03/25	02/03/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	361954	02/03/25	02/03/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Lab Control Sample	Lab ID: QC1225476	Batch: 361954
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225476 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	49.45	50.00	ug/L	99%		70-130
2-Chloroethylvinylether	50.56	50.00	ug/L	101%		10-130
Surrogates						
Dibromofluoromethane	56.73	50.00	ug/L	113%		70-130
1,2-Dichloroethane-d4	48.93	50.00	ug/L	98%		70-130
Toluene-d8	48.24	50.00	ug/L	96%		70-130
Bromofluorobenzene	50.11	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample	Lab ID: QC1225477	Batch: 361954
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225477 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	43.12	50.00	ug/L	86%		50-136
Freon 12	56.56	50.00	ug/L	113%		53-130
Chloromethane	47.55	50.00	ug/L	95%		65-130
Vinyl Chloride	58.32	50.00	ug/L	117%		70-130
Bromomethane	50.07	50.00	ug/L	100%		57-151
Chloroethane	49.87	50.00	ug/L	100%		65-129
Trichlorofluoromethane	47.37	50.00	ug/L	95%		70-130
Acetone	104.0	125.0	ug/L	83%		53-134
Freon 113	54.66	50.00	ug/L	109%		70-130
1,1-Dichloroethene	49.42	50.00	ug/L	99%		70-135
Methylene Chloride	57.93	50.00	ug/L	116%		70-130
Carbon Disulfide	52.85	50.00	ug/L	106%		70-130
MTBE	55.10	50.00	ug/L	110%		70-130
trans-1,2-Dichloroethene	49.94	50.00	ug/L	100%		70-130
1,1-Dichloroethane	53.47	50.00	ug/L	107%		70-130
2-Butanone	102.8	125.0	ug/L	82%		56-127
cis-1,2-Dichloroethene	49.79	50.00	ug/L	100%		70-130
2,2-Dichloropropane	59.57	50.00	ug/L	119%		70-130
Chloroform	54.05	50.00	ug/L	108%		70-130
Bromochloromethane	63.58	50.00	ug/L	127%		70-130
1,1,1-Trichloroethane	51.83	50.00	ug/L	104%		70-130
1,1-Dichloropropene	54.55	50.00	ug/L	109%		70-130
Carbon Tetrachloride	54.79	50.00	ug/L	110%		70-130
1,2-Dichloroethane	48.94	50.00	ug/L	98%		70-130
Benzene	54.71	50.00	ug/L	109%		70-130
Trichloroethene	57.12	50.00	ug/L	114%		70-130
1,2-Dichloropropane	47.65	50.00	ug/L	95%		70-130
Bromodichloromethane	53.41	50.00	ug/L	107%		70-130
Dibromomethane	53.53	50.00	ug/L	107%		70-130
4-Methyl-2-Pentanone	99.71	125.0	ug/L	80%		62-126
cis-1,3-Dichloropropene	55.86	50.00	ug/L	112%		70-130
Toluene	51.84	50.00	ug/L	104%		70-130
trans-1,3-Dichloropropene	52.83	50.00	ug/L	106%		70-130
1,1,2-Trichloroethane	52.97	50.00	ug/L	106%		70-130
2-Hexanone	97.24	125.0	ug/L	78%		53-127
1,3-Dichloropropane	51.16	50.00	ug/L	102%		70-130
Tetrachloroethene	54.58	50.00	ug/L	109%		70-130
Dibromochloromethane	54.65	50.00	ug/L	109%		70-130
1,2-Dibromoethane	55.23	50.00	ug/L	110%		70-130
Chlorobenzene	52.61	50.00	ug/L	105%		70-130
1,1,1,2-Tetrachloroethane	54.94	50.00	ug/L	110%		70-130
Ethylbenzene	50.34	50.00	ug/L	101%		70-130
m,p-Xylenes	102.9	100.0	ug/L	103%		70-130
o-Xylene	51.28	50.00	ug/L	103%		70-130
Styrene	53.89	50.00	ug/L	108%		70-130
Bromoform	52.65	50.00	ug/L	105%		70-130
Isopropylbenzene	55.23	50.00	ug/L	110%		70-130

Batch QC

QC1225477 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	51.74	50.00	ug/L	103%		70-130
1,2,3-Trichloropropane	49.39	50.00	ug/L	99%		70-137
Propylbenzene	52.74	50.00	ug/L	105%		70-130
Bromobenzene	54.80	50.00	ug/L	110%		70-130
1,3,5-Trimethylbenzene	54.83	50.00	ug/L	110%		70-130
2-Chlorotoluene	51.61	50.00	ug/L	103%		70-130
4-Chlorotoluene	52.30	50.00	ug/L	105%		70-130
tert-Butylbenzene	54.02	50.00	ug/L	108%		70-130
1,2,4-Trimethylbenzene	53.47	50.00	ug/L	107%		70-130
sec-Butylbenzene	53.38	50.00	ug/L	107%		70-130
para-Isopropyl Toluene	54.25	50.00	ug/L	108%		70-130
1,3-Dichlorobenzene	54.94	50.00	ug/L	110%		70-130
1,4-Dichlorobenzene	56.03	50.00	ug/L	112%		70-130
n-Butylbenzene	52.21	50.00	ug/L	104%		70-133
1,2-Dichlorobenzene	56.02	50.00	ug/L	112%		70-130
1,2-Dibromo-3-Chloropropane	51.39	50.00	ug/L	103%		70-130
1,2,4-Trichlorobenzene	54.17	50.00	ug/L	108%		70-130
Hexachlorobutadiene	46.66	50.00	ug/L	93%		70-147
Naphthalene	58.28	50.00	ug/L	117%		70-130
1,2,3-Trichlorobenzene	53.93	50.00	ug/L	108%		70-130
Isopropyl Ether (DIPE)	53.35	50.00	ug/L	107%		70-130
Ethyl tert-Butyl Ether (ETBE)	49.75	50.00	ug/L	100%		70-130
tert-Butyl Alcohol (TBA)	239.6	250.0	ug/L	96%		48-125
Methyl tert-Amyl Ether (TAME)	57.33	50.00	ug/L	115%		70-130
Surrogates						
Dibromofluoromethane	52.94	50.00	ug/L	106%		70-130
1,2-Dichloroethane-d4	44.09	50.00	ug/L	88%		70-130
Toluene-d8	48.23	50.00	ug/L	96%		70-130
Bromofluorobenzene	50.31	50.00	ug/L	101%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1225478	Batch: 361954
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225478 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	42.68	50.00	ug/L	85%		50-136	1	30
Freon 12	56.56	50.00	ug/L	113%		53-130	0	30
Chloromethane	48.03	50.00	ug/L	96%		65-130	1	30
Vinyl Chloride	56.21	50.00	ug/L	112%		70-130	4	30
Bromomethane	48.10	50.00	ug/L	96%		57-151	4	30
Chloroethane	50.18	50.00	ug/L	100%		65-129	1	30
Trichlorofluoromethane	47.29	50.00	ug/L	95%		70-130	0	30
Acetone	106.7	125.0	ug/L	85%		53-134	3	36
Freon 113	49.03	50.00	ug/L	98%		70-130	11	30
1,1-Dichloroethene	45.08	50.00	ug/L	90%		70-135	9	30
Methylene Chloride	54.48	50.00	ug/L	109%		70-130	6	30
Carbon Disulfide	48.62	50.00	ug/L	97%		70-130	8	30
MTBE	54.29	50.00	ug/L	109%		70-130	1	30
trans-1,2-Dichloroethene	46.25	50.00	ug/L	92%		70-130	8	30
1,1-Dichloroethane	49.06	50.00	ug/L	98%		70-130	9	30
2-Butanone	107.6	125.0	ug/L	86%		56-127	5	30
cis-1,2-Dichloroethene	46.37	50.00	ug/L	93%		70-130	7	30
2,2-Dichloropropane	54.74	50.00	ug/L	109%		70-130	8	30
Chloroform	51.47	50.00	ug/L	103%		70-130	5	30
Bromochloromethane	60.35	50.00	ug/L	121%		70-130	5	30
1,1,1-Trichloroethane	48.48	50.00	ug/L	97%		70-130	7	30
1,1-Dichloropropene	50.26	50.00	ug/L	101%		70-130	8	30
Carbon Tetrachloride	50.59	50.00	ug/L	101%		70-130	8	30
1,2-Dichloroethane	46.91	50.00	ug/L	94%		70-130	4	30
Benzene	51.01	50.00	ug/L	102%		70-130	7	30
Trichloroethene	51.11	50.00	ug/L	102%		70-130	11	30
1,2-Dichloropropane	43.72	50.00	ug/L	87%		70-130	9	30
Bromodichloromethane	49.34	50.00	ug/L	99%		70-130	8	30
Dibromomethane	50.33	50.00	ug/L	101%		70-130	6	30
4-Methyl-2-Pentanone	103.1	125.0	ug/L	82%		62-126	3	30
cis-1,3-Dichloropropene	51.79	50.00	ug/L	104%		70-130	8	30
Toluene	48.51	50.00	ug/L	97%		70-130	7	30
trans-1,3-Dichloropropene	50.88	50.00	ug/L	102%		70-130	4	30
1,1,2-Trichloroethane	50.48	50.00	ug/L	101%		70-130	5	30
2-Hexanone	101.0	125.0	ug/L	81%		53-127	4	30
1,3-Dichloropropane	48.68	50.00	ug/L	97%		70-130	5	30
Tetrachloroethene	50.85	50.00	ug/L	102%		70-130	7	30
Dibromochloromethane	52.71	50.00	ug/L	105%		70-130	4	30
1,2-Dibromoethane	52.98	50.00	ug/L	106%		70-130	4	30
Chlorobenzene	48.84	50.00	ug/L	98%		70-130	7	30
1,1,1,2-Tetrachloroethane	49.80	50.00	ug/L	100%		70-130	10	30
Ethylbenzene	48.34	50.00	ug/L	97%		70-130	4	30
m,p-Xylenes	96.64	100.0	ug/L	97%		70-130	6	30
o-Xylene	48.10	50.00	ug/L	96%		70-130	6	30
Styrene	51.26	50.00	ug/L	103%		70-130	5	30
Bromoform	51.29	50.00	ug/L	103%		70-130	3	30

Batch QC

QC1225478 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	49.67	50.00	ug/L	99%		70-130	11	30
1,1,2,2-Tetrachloroethane	48.61	50.00	ug/L	97%		70-130	6	30
1,2,3-Trichloropropane	46.88	50.00	ug/L	94%		70-137	5	30
Propylbenzene	47.33	50.00	ug/L	95%		70-130	11	30
Bromobenzene	50.00	50.00	ug/L	100%		70-130	9	30
1,3,5-Trimethylbenzene	48.46	50.00	ug/L	97%		70-130	12	30
2-Chlorotoluene	46.99	50.00	ug/L	94%		70-130	9	30
4-Chlorotoluene	46.74	50.00	ug/L	93%		70-130	11	30
tert-Butylbenzene	47.91	50.00	ug/L	96%		70-130	12	30
1,2,4-Trimethylbenzene	48.36	50.00	ug/L	97%		70-130	10	30
sec-Butylbenzene	48.16	50.00	ug/L	96%		70-130	10	30
para-Isopropyl Toluene	50.37	50.00	ug/L	101%		70-130	7	30
1,3-Dichlorobenzene	49.98	50.00	ug/L	100%		70-130	9	30
1,4-Dichlorobenzene	50.40	50.00	ug/L	101%		70-130	11	30
n-Butylbenzene	47.60	50.00	ug/L	95%		70-133	9	30
1,2-Dichlorobenzene	49.95	50.00	ug/L	100%		70-130	11	30
1,2-Dibromo-3-Chloropropane	52.22	50.00	ug/L	104%		70-130	2	30
1,2,4-Trichlorobenzene	52.41	50.00	ug/L	105%		70-130	3	30
Hexachlorobutadiene	44.33	50.00	ug/L	89%		70-147	5	30
Naphthalene	55.33	50.00	ug/L	111%		70-130	5	30
1,2,3-Trichlorobenzene	49.42	50.00	ug/L	99%		70-130	9	30
Isopropyl Ether (DIPE)	46.61	50.00	ug/L	93%		70-130	13	30
Ethyl tert-Butyl Ether (ETBE)	49.86	50.00	ug/L	100%		70-130	0	30
tert-Butyl Alcohol (TBA)	260.4	250.0	ug/L	104%		48-125	8	30
Methyl tert-Amyl Ether (TAME)	55.78	50.00	ug/L	112%		70-130	3	30
Surrogates								
Dibromofluoromethane	52.17	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	44.05	50.00	ug/L	88%		70-130		
Toluene-d8	49.01	50.00	ug/L	98%		70-130		
Bromofluorobenzene	48.56	50.00	ug/L	97%		70-130		

Batch QC

Type: Matrix Spike	Lab ID: QC1225479	Batch: 361954
Matrix (Source ID): Water (525096-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225479 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	27.94	ND	50.00	ug/L	56%	*	59-129	1
Freon 12	44.48	ND	50.00	ug/L	89%		54-130	1
Chloromethane	37.38	ND	50.00	ug/L	75%		65-130	1
Vinyl Chloride	44.62	ND	50.00	ug/L	89%		70-130	1
Bromomethane	39.38	ND	50.00	ug/L	79%		58-141	1
Chloroethane	43.06	ND	50.00	ug/L	86%		52-141	1
Trichlorofluoromethane	41.40	ND	50.00	ug/L	83%		70-130	1
Acetone	162.7	ND	125.0	ug/L	130%	*	53-129	1
Freon 113	40.26	ND	50.00	ug/L	81%		70-130	1
1,1-Dichloroethene	35.26	ND	50.00	ug/L	71%		70-130	1
Methylene Chloride	41.31	ND	50.00	ug/L	83%		67-130	1
Carbon Disulfide	37.80	ND	50.00	ug/L	76%		70-130	1
MTBE	43.24	ND	50.00	ug/L	86%		75-130	1
trans-1,2-Dichloroethene	37.77	ND	50.00	ug/L	76%		70-130	1
1,1-Dichloroethane	38.56	ND	50.00	ug/L	77%		70-130	1
2-Butanone	122.9	ND	125.0	ug/L	98%		55-126	1
cis-1,2-Dichloroethene	38.04	ND	50.00	ug/L	76%	*	80-130	1
2,2-Dichloropropane	43.53	ND	50.00	ug/L	87%		77-130	1
Chloroform	41.09	ND	50.00	ug/L	82%		70-130	1
Bromochloromethane	48.77	ND	50.00	ug/L	98%		70-130	1
1,1,1-Trichloroethane	39.20	ND	50.00	ug/L	78%		70-130	1
1,1-Dichloropropene	41.25	ND	50.00	ug/L	83%		70-130	1
Carbon Tetrachloride	41.14	ND	50.00	ug/L	82%		70-130	1
1,2-Dichloroethane	38.83	ND	50.00	ug/L	78%		70-130	1
Benzene	40.43	ND	50.00	ug/L	81%		70-130	1
Trichloroethene	42.44	ND	50.00	ug/L	85%		63-130	1
1,2-Dichloropropane	35.94	ND	50.00	ug/L	72%		70-130	1
Bromodichloromethane	40.52	ND	50.00	ug/L	81%		70-130	1
Dibromomethane	39.52	ND	50.00	ug/L	79%		70-130	1
4-Methyl-2-Pentanone	82.66	ND	125.0	ug/L	66%		59-130	1
cis-1,3-Dichloropropene	42.28	ND	50.00	ug/L	85%		70-130	1
Toluene	38.20	ND	50.00	ug/L	76%		70-130	1
trans-1,3-Dichloropropene	42.52	ND	50.00	ug/L	85%		70-130	1
1,1,2-Trichloroethane	41.14	ND	50.00	ug/L	82%		70-130	1
2-Hexanone	100.4	ND	125.0	ug/L	80%		52-130	1
1,3-Dichloropropane	39.58	ND	50.00	ug/L	79%		70-130	1
Tetrachloroethene	41.61	ND	50.00	ug/L	83%		49-130	1
Dibromochloromethane	42.34	ND	50.00	ug/L	85%		70-130	1
1,2-Dibromoethane	41.99	ND	50.00	ug/L	84%		70-130	1
Chlorobenzene	39.35	ND	50.00	ug/L	79%		70-130	1
1,1,1,2-Tetrachloroethane	42.78	ND	50.00	ug/L	86%		70-130	1
Ethylbenzene	38.73	ND	50.00	ug/L	77%		70-130	1
m,p-Xylenes	79.00	ND	100.0	ug/L	79%		70-131	1
o-Xylene	39.98	ND	50.00	ug/L	80%		70-130	1
Styrene	41.82	ND	50.00	ug/L	84%		67-130	1

Batch QC

QC1225479 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	38.62	ND	50.00	ug/L	77%		70-130	1
Isopropylbenzene	42.93	ND	50.00	ug/L	86%		70-130	1
1,1,2,2-Tetrachloroethane	38.69	ND	50.00	ug/L	77%		70-141	1
1,2,3-Trichloropropane	39.22	ND	50.00	ug/L	78%		70-138	1
Propylbenzene	41.03	ND	50.00	ug/L	82%		70-134	1
Bromobenzene	43.47	ND	50.00	ug/L	87%		70-130	1
1,3,5-Trimethylbenzene	43.19	ND	50.00	ug/L	86%		70-130	1
2-Chlorotoluene	40.13	ND	50.00	ug/L	80%		70-131	1
4-Chlorotoluene	40.87	ND	50.00	ug/L	82%		70-133	1
tert-Butylbenzene	41.70	ND	50.00	ug/L	83%		70-130	1
1,2,4-Trimethylbenzene	42.27	ND	50.00	ug/L	85%		70-130	1
sec-Butylbenzene	41.66	ND	50.00	ug/L	83%		70-132	1
para-Isopropyl Toluene	43.36	ND	50.00	ug/L	87%		70-130	1
1,3-Dichlorobenzene	42.17	ND	50.00	ug/L	84%		70-130	1
1,4-Dichlorobenzene	40.50	ND	50.00	ug/L	81%		70-130	1
n-Butylbenzene	40.80	ND	50.00	ug/L	82%		70-138	1
1,2-Dichlorobenzene	42.91	ND	50.00	ug/L	86%		70-130	1
1,2-Dibromo-3-Chloropropane	39.72	ND	50.00	ug/L	79%		70-130	1
1,2,4-Trichlorobenzene	43.23	ND	50.00	ug/L	86%		70-133	1
Hexachlorobutadiene	40.09	ND	50.00	ug/L	80%		70-148	1
Naphthalene	42.92	ND	50.00	ug/L	86%		70-144	1
1,2,3-Trichlorobenzene	40.65	ND	50.00	ug/L	81%		70-131	1
Isopropyl Ether (DIPE)	67.95	ND	100.0	ug/L	68%	*	70-130	1
Ethyl tert-Butyl Ether (ETBE)	40.18	ND	50.00	ug/L	80%		70-130	1
tert-Butyl Alcohol (TBA)	228.3	ND	250.0	ug/L	91%		51-122	1
Methyl tert-Amyl Ether (TAME)	45.41	ND	50.00	ug/L	91%		70-130	1
Surrogates								
Dibromofluoromethane	53.97		50.00	ug/L	108%		70-130	1
1,2-Dichloroethane-d4	44.70		50.00	ug/L	89%		70-130	1
Toluene-d8	47.89		50.00	ug/L	96%		70-130	1
Bromofluorobenzene	50.86		50.00	ug/L	102%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1225480	Batch: 361954
Matrix (Source ID): Water (525096-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225480 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	29.21	ND	50.00	ug/L	58%	*	59-129	4	25	1
Freon 12	49.67	ND	50.00	ug/L	99%		54-130	11	30	1
Chloromethane	43.75	ND	50.00	ug/L	87%		65-130	16	30	1
Vinyl Chloride	48.12	ND	50.00	ug/L	96%		70-130	8	30	1
Bromomethane	44.54	ND	50.00	ug/L	89%		58-141	12	26	1
Chloroethane	49.38	ND	50.00	ug/L	99%		52-141	14	46	1
Trichlorofluoromethane	43.89	ND	50.00	ug/L	88%		70-130	6	30	1
Acetone	159.2	ND	125.0	ug/L	127%		53-129	2	28	1
Freon 113	39.23	ND	50.00	ug/L	78%		70-130	3	30	1
1,1-Dichloroethene	34.38	ND	50.00	ug/L	69%	*	70-130	3	30	1
Methylene Chloride	42.24	ND	50.00	ug/L	84%		67-130	2	30	1
Carbon Disulfide	35.61	ND	50.00	ug/L	71%		70-130	6	30	1
MTBE	42.80	ND	50.00	ug/L	86%		75-130	1	30	1
trans-1,2-Dichloroethene	37.16	ND	50.00	ug/L	74%		70-130	2	30	1
1,1-Dichloroethane	37.18	ND	50.00	ug/L	74%		70-130	4	30	1
2-Butanone	121.4	ND	125.0	ug/L	97%		55-126	1	26	1
cis-1,2-Dichloroethene	36.89	ND	50.00	ug/L	74%	*	80-130	3	30	1
2,2-Dichloropropane	42.00	ND	50.00	ug/L	84%		77-130	4	30	1
Chloroform	39.31	ND	50.00	ug/L	79%		70-130	4	30	1
Bromochloromethane	46.69	ND	50.00	ug/L	93%		70-130	4	30	1
1,1,1-Trichloroethane	37.65	ND	50.00	ug/L	75%		70-130	4	30	1
1,1-Dichloropropene	39.64	ND	50.00	ug/L	79%		70-130	4	30	1
Carbon Tetrachloride	39.38	ND	50.00	ug/L	79%		70-130	4	30	1
1,2-Dichloroethane	37.23	ND	50.00	ug/L	74%		70-130	4	30	1
Benzene	39.44	ND	50.00	ug/L	79%		70-130	2	30	1
Trichloroethene	40.74	ND	50.00	ug/L	81%		63-130	4	30	1
1,2-Dichloropropane	34.15	ND	50.00	ug/L	68%	*	70-130	5	30	1
Bromodichloromethane	37.44	ND	50.00	ug/L	75%		70-130	8	30	1
Dibromomethane	39.25	ND	50.00	ug/L	78%		70-130	1	30	1
4-Methyl-2-Pentanone	84.14	ND	125.0	ug/L	67%		59-130	2	24	1
cis-1,3-Dichloropropene	40.01	ND	50.00	ug/L	80%		70-130	6	30	1
Toluene	36.77	ND	50.00	ug/L	74%		70-130	4	30	1
trans-1,3-Dichloropropene	40.31	ND	50.00	ug/L	81%		70-130	5	30	1
1,1,2-Trichloroethane	38.82	ND	50.00	ug/L	78%		70-130	6	30	1
2-Hexanone	98.08	ND	125.0	ug/L	78%		52-130	2	27	1
1,3-Dichloropropane	37.70	ND	50.00	ug/L	75%		70-130	5	30	1
Tetrachloroethene	40.58	ND	50.00	ug/L	81%		49-130	2	30	1
Dibromochloromethane	39.07	ND	50.00	ug/L	78%		70-130	8	30	1
1,2-Dibromoethane	41.59	ND	50.00	ug/L	83%		70-130	1	30	1
Chlorobenzene	36.66	ND	50.00	ug/L	73%		70-130	7	30	1
1,1,1,2-Tetrachloroethane	40.87	ND	50.00	ug/L	82%		70-130	5	30	1
Ethylbenzene	36.67	ND	50.00	ug/L	73%		70-130	5	30	1
m,p-Xylenes	75.04	ND	100.0	ug/L	75%		70-131	5	30	1
o-Xylene	38.50	ND	50.00	ug/L	77%		70-130	4	30	1
Styrene	39.43	ND	50.00	ug/L	79%		67-130	6	30	1

Batch QC

QC1225480 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	38.61	ND	50.00	ug/L	77%		70-130	0	30	1
Isopropylbenzene	39.99	ND	50.00	ug/L	80%		70-130	7	30	1
1,1,2,2-Tetrachloroethane	38.52	ND	50.00	ug/L	77%		70-141	0	30	1
1,2,3-Trichloropropane	38.85	ND	50.00	ug/L	78%		70-138	1	30	1
Propylbenzene	38.47	ND	50.00	ug/L	77%		70-134	6	30	1
Bromobenzene	39.78	ND	50.00	ug/L	80%		70-130	9	30	1
1,3,5-Trimethylbenzene	40.21	ND	50.00	ug/L	80%		70-130	7	30	1
2-Chlorotoluene	38.24	ND	50.00	ug/L	76%		70-131	5	30	1
4-Chlorotoluene	38.38	ND	50.00	ug/L	77%		70-133	6	30	1
tert-Butylbenzene	39.58	ND	50.00	ug/L	79%		70-130	5	30	1
1,2,4-Trimethylbenzene	39.67	ND	50.00	ug/L	79%		70-130	6	30	1
sec-Butylbenzene	39.46	ND	50.00	ug/L	79%		70-132	5	30	1
para-Isopropyl Toluene	40.13	ND	50.00	ug/L	80%		70-130	8	30	1
1,3-Dichlorobenzene	39.72	ND	50.00	ug/L	79%		70-130	6	30	1
1,4-Dichlorobenzene	39.55	ND	50.00	ug/L	79%		70-130	2	30	1
n-Butylbenzene	38.52	ND	50.00	ug/L	77%		70-138	6	30	1
1,2-Dichlorobenzene	39.73	ND	50.00	ug/L	79%		70-130	8	30	1
1,2-Dibromo-3-Chloropropane	39.57	ND	50.00	ug/L	79%		70-130	0	30	1
1,2,4-Trichlorobenzene	42.15	ND	50.00	ug/L	84%		70-133	3	30	1
Hexachlorobutadiene	40.20	ND	50.00	ug/L	80%		70-148	0	30	1
Naphthalene	45.19	ND	50.00	ug/L	90%		70-144	5	30	1
1,2,3-Trichlorobenzene	41.52	ND	50.00	ug/L	83%		70-131	2	30	1
Isopropyl Ether (DIPE)	65.39	ND	100.0	ug/L	65%	*	70-130	4	30	1
Ethyl tert-Butyl Ether (ETBE)	39.28	ND	50.00	ug/L	79%		70-130	2	30	1
tert-Butyl Alcohol (TBA)	223.8	ND	250.0	ug/L	90%		51-122	2	33	1
Methyl tert-Amyl Ether (TAME)	43.50	ND	50.00	ug/L	87%		70-130	4	30	1
Surrogates										
Dibromofluoromethane	54.54		50.00	ug/L	109%		70-130			1
1,2-Dichloroethane-d4	44.73		50.00	ug/L	89%		70-130			1
Toluene-d8	47.04		50.00	ug/L	94%		70-130			1
Bromofluorobenzene	48.59		50.00	ug/L	97%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1225483	Batch: 361954
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1225483 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	4.2	02/03/25	02/03/25
Acrylonitrile	ND		ug/L	2.0	0.3	02/03/25	02/03/25
Freon 12	ND		ug/L	1.0	0.3	02/03/25	02/03/25
Chloromethane	ND		ug/L	1.0	0.4	02/03/25	02/03/25
Vinyl Chloride	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Bromomethane	ND		ug/L	1.0	0.8	02/03/25	02/03/25
Chloroethane	ND		ug/L	1.0	0.2	02/03/25	02/03/25
2-Chloroethylvinylether	ND		ug/L	5.0	1.4	02/03/25	02/03/25
Trichlorofluoromethane	ND		ug/L	1.0	0.1	02/03/25	02/03/25
Acetone	ND		ug/L	17	17	02/03/25	02/03/25
Freon 113	ND		ug/L	2.0	0.1	02/03/25	02/03/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Methylene Chloride	ND		ug/L	10	3.5	02/03/25	02/03/25
Carbon Disulfide	ND		ug/L	0.5	0.2	02/03/25	02/03/25
MTBE	ND		ug/L	0.5	0.1	02/03/25	02/03/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
2-Butanone	ND		ug/L	10	2.0	02/03/25	02/03/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Chloroform	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Bromochloromethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,1-Dichloropropene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Benzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Trichloroethene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Bromodichloromethane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Dibromomethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
4-Methyl-2-Pentanone	ND		ug/L	10	1.4	02/03/25	02/03/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Toluene	ND		ug/L	0.5	0.2	02/03/25	02/03/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
2-Hexanone	ND		ug/L	10	1.5	02/03/25	02/03/25
1,3-Dichloropropane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Tetrachloroethene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Dibromochloromethane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2-Dibromoethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Chlorobenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Ethylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
m,p-Xylenes	ND		ug/L	0.5	0.2	02/03/25	02/03/25
o-Xylene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Styrene	ND		ug/L	0.5	0.08	02/03/25	02/03/25

Batch QC

QC1225483 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.2	02/03/25	02/03/25
Isopropylbenzene	ND		ug/L	0.5	0.09	02/03/25	02/03/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Propylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Bromobenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
tert-Butylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
sec-Butylbenzene	ND		ug/L	0.5	0.08	02/03/25	02/03/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	02/03/25	02/03/25
n-Butylbenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.4	02/03/25	02/03/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Hexachlorobutadiene	ND		ug/L	2.0	0.2	02/03/25	02/03/25
Naphthalene	ND		ug/L	2.0	0.3	02/03/25	02/03/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	02/03/25	02/03/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.09	02/03/25	02/03/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	02/03/25	02/03/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	8.9	02/03/25	02/03/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.2	02/03/25	02/03/25
Xylene (total)	ND		ug/L	0.5		02/03/25	02/03/25
Total Trihalomethanes (THMs)	ND		ug/L	0.5		02/03/25	02/03/25
Surrogates				Limits			
Dibromofluoromethane	110%		%REC	70-130		02/03/25	02/03/25
1,2-Dichloroethane-d4	94%		%REC	70-130		02/03/25	02/03/25
Toluene-d8	94%		%REC	70-130		02/03/25	02/03/25
Bromofluorobenzene	98%		%REC	70-130		02/03/25	02/03/25

* Value is outside QC limits
ND Not Detected