

Archivado: Jueves 11 de septiembre de 2025 12:13:06 PM
De: [Kate Logan](#)
Enviado: Martes 9 de septiembre de 2025 2:42:11 PM
Para: [Baitong Chen](#), [Nathaniel Dickel](#), [Christina Ojeda](#)
Cc: [Nicole Ward](#) [Amanda Froman](#) [Neal](#), [Erin@DTSC](#) [Zmily](#),
[Zanalee@DTSC](#) **Asunto:** Vertedero de Chiquita Canyon — Caso No. 6177-4 –
Toma de Muestras de la Condición 38 **Importancia:** Normal
Sensibilidad: Ninguna
Adjuntos: [541160_level2.pdf](#); [Tanks and Manifolds.pdf](#);

[REMITENTE EXTERNO: Tenga precaución con los enlaces/adjuntos]

En cumplimiento con la Condición 38 de la Orden de Depuración Estipulada, Caso No. 6177-4, Chiquita Canyon, LLC adjunta los resultados analíticos de los lixiviados de su toma de muestra representativa de líquidos mensual del Área de Reacción y de los tanques inferiores. En los resultados analíticos adjuntos recibidos el 3 de septiembre de 2025, el código de muestreo CACA250901Z007LCM624.1 corresponde a la muestra tomada de los tanques del Colector LC #4 y el código de muestreo ID CACA250901Z001A624.1 corresponde a la muestra tomada en un puerto de toma de muestras que se instaló flujo arriba en los tanques del Grupo A del Parque de Tanques #7. Se adjunta un mapa de estos puntos de toma de muestras como referencia. El punto de toma de muestras en los tanques del Colector LC #4 son representativos de las muestras mensuales del área del Vertedero que no están afectadas por la reacción. Los tanques del Colector LC #4 reciben los lixiviados que se alimentan por gravedad del revestimiento del vertedero. A estos tanques también se los denomina "tanques inferiores" y recogen líquidos/lixiviados de todo el Vertedero. El punto de toma de muestras en el puerto de muestreo flujo arriba de los tanques del Grupo A del Parque de Tanques #7 (que es un grupo de tanques ubicado dentro del Parque de Tanques #7 como se muestra en el mapa adjunto) es una muestra mensual representativa del Área de Reacción. Este grupo de tanques recoge líquidos/lixiviados no tratados, bombeados de toda el Área de Reacción.

Gracias,
Kate Logan
Ingeniera Regional
Vertedero de Chiquita
Canyon
29201 Henry Mayo Dr.
Castaic, CA 91384
(central) (346) 807-5547
Kate.Logan@WasteConnections.com





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

enthalpy.com

Lab Job Number : 541160
Report Level : II
Report Date : 09/03/2025

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, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Kyle Lopic	Lab Job #:	541160
CTEH Chiquita Canyon	Project No:	CHIQUITA MONTHLY
Landfill - PROJ-037507	Location:	Monthly EPA 624.1 - SOFA Condition 38
5120 Northshore Drive	Date Received:	09/02/25
North Little Rock, AR		
72118		

Sample ID	Lab ID	Collected	Matrix
CACA250901Z001A624.1	541160-001	09/01/25 12:45	Water
CACA250901Z007LCM624.1	541160-002	09/01/25 09:20	Water
CACA250901TB001	541160-003	09/01/25 09:00	Water

Case Narrative

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

Lab Job Number: 541160
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA
Condition 38
Date Received: 09/02/25

This data package contains sample and QC results for three water samples, requested for the above referenced project on 09/02/25. The samples were received cold and intact. Headspace >6mm noted in all four 8260 vials for 001, 2 of 4 for 0002, and 1 of 2 for 003.

Volatile Organics by GC/MS (EPA 624.1):

- High recovery was observed for methyl tert-amyl ether (TAME) in the BSD for batch 380815; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- Responses exceeding the instrument's linear range were observed for acetone and 2-butanone in CACA250901Z001A624.1 (lab # 541160-001); affected data was qualified with "E".
- High RPD was observed for many analytes in the MS/MSD for batch 380815; the parent sample was not a project sample, and the RPD was acceptable in the BS/BS.
- Toluene and naphthalene were detected between the MDL and the RL in the method blank for batch 380815; these analytes were not detected in samples at or above the RL.
- CACA250901Z001A624.1 (lab # 541160-001), CACA250901Z007LCM624.1 (lab # 541160-002), and CACA250901TB001 (lab # 541160-003) 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 #: 541160
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 09/02/25

Sample ID: CACA250901Z001A624.1

Lab ID: 541160-001

Collected: 09/01/25 12:45

Matrix: Water

541160-001 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	44,000	E	ug/L	500	440
Carbon Disulfide	34		ug/L	25	15
2-Butanone	29,000	E	ug/L	500	47
Benzene	220		ug/L	25	3.7
4-Methyl-2-Pentanone	530		ug/L	500	27
Toluene	17	B,J	ug/L	25	2.4
Ethylbenzene	4.6	J	ug/L	25	2.2
o-Xylene	3.9	J	ug/L	25	2.9
para-Isopropyl Toluene	3.6	J	ug/L	25	2.7
Naphthalene	14	B,J	ug/L	100	13
tert-Butyl Alcohol (TBA)	1,900		ug/L	250	160
Xylene (total)	3.9	J	ug/L	25	

Sample ID:

CACA250901Z007LCM624.1

Lab ID: 541160-002

Matrix: Water

Collected: 09/01/25 09:20

541160-002 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	13,000		ug/L	500	440
2-Butanone	8,000		ug/L	500	47
Benzene	36		ug/L	25	3.7
4-Methyl-2-Pentanone	67	J	ug/L	500	27
Toluene	24	B,J	ug/L	25	2.4
Ethylbenzene	8.4	J	ug/L	25	2.2
m,p-Xylenes	13	J	ug/L	25	7.3
o-Xylene	8.0	J	ug/L	25	2.9
1,2,4-Trimethylbenzene	5.5	J	ug/L	25	3.7
para-Isopropyl Toluene	8.2	J	ug/L	25	2.7
1,4-Dichlorobenzene	9.0	J	ug/L	25	3.6
Naphthalene	19	B,J	ug/L	100	13
tert-Butyl Alcohol (TBA)	1,800		ug/L	250	160
Xylene (total)	21	J	ug/L	25	

Sample ID: CACA250901TB001

Lab ID: 541160-003

Collected: 09/01/25 09:00

No Detections

Detection Summary

- B Contamination found in associated Method Blank
- E Response exceeds instrument's linear range
- J Estimated value



Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Chain of Custody Record

Lab No:

Page: 1 of

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

$$W =$$

Preservatives:
 $\text{Na}_2\text{S}_2\text{O}_3$ 2
 $4 = \text{H}_2\text{SO}_4$ 5 =

1 =
HCl 3 = HNO₃
aOH 6 = Other

Sample Receipt Temp: 5.7 °C

Turn Around Time (rush by advanced notice only)

Standard:

1

$$W =$$

Preservatives:
 $\text{Na}_2\text{S}_2\text{O}_3$ 2
 $4 = \text{H}_2\text{SO}_4$ 5 =

1 =
HCl 3 = HNO₃
aOH 6 = Other

Sample Receipt Temp: 5.7 °C

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments	
Company:	CTEH	LIMS Account:	CTEH-CHIQUITA									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.	
Report To:	Kyle Lapid	LIMS Proj. Name:	WC CHIQUITACANYON LF										
Email:	labresults@cteh.com	Project #:	Proj-037507										
Address:	5120 North Shore Drive	P.O. #:	PO-4050-24-00351										
	North Little Rock, AR 72118	Address:	29201 Henry Mayo Dr., Castaic, CA										
Phone:	504-616-2427	Global ID:											
Fax:		Sampled By:	CH, DZ										
	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.							
1	CACA250901Z001A624.1	09/01/25	1245	W	4	4,6							
2	CACA250901Z007LCM624.1	09/01/25	0920	W	4	4,6							
4	CACA250901TB001	09/01/25	0900	W	2	6							
4													
5													
6													
7													
8													
9													
10													
		Signature		Print Name		Company / Title		Date / Time					
1 Relinquished By:		Devan Fajac		Devan Fajac		CTEH		9-1-25 1618					
1 Received By:				Devan Fajac		CTEH		9/1/25 0710					
2 Relinquished By:													
2 Received By:													
3 Relinquished By:													
3 Received By:													

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 09/02/25 WO# 541160 Client: CTEH-Chiquita

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 09/02/25 By (initials) FPD

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 5.7 / 5.7 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	X		
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.13 - HEADSPACE > 6mm IN 4/4 VIALS OF SAMPLE -001, 2/4 VIALS OF SAMPLE -002 AND 1/4 VIALS OF SAMPLE -003

☐ No additional discrepancies

Date Logged 09/02/25

By (print)

FPD

(sign)

Date Labeled 09/02/25

By (print)

FPD

(sign)

Analysis Results for 541160

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

Lab Job #: 541160
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 09/02/25

Sample ID: CACA250901Z001A624.1

Lab ID: 541160-001

Collected: 09/01/25 12:45

Matrix: Water

541160-001 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	82	50	380815	09/02/25	09/02/25	ZST
Acrylonitrile	ND		ug/L	100	21	50	380815	09/02/25	09/02/25	ZST
Freon 12	ND		ug/L	50	8.9	50	380815	09/02/25	09/02/25	ZST
Chloromethane	ND		ug/L	50	6.2	50	380815	09/02/25	09/02/25	ZST
Vinyl Chloride	ND		ug/L	25	6.6	50	380815	09/02/25	09/02/25	ZST
Bromomethane	ND		ug/L	50	17	50	380815	09/02/25	09/02/25	ZST
Chloroethane	ND		ug/L	50	2.7	50	380815	09/02/25	09/02/25	ZST
2-Chloroethylvinylether	ND		ug/L	250	9.2	50	380815	09/02/25	09/02/25	ZST
Trichlorofluoromethane	ND		ug/L	50	4.0	50	380815	09/02/25	09/02/25	ZST
Acetone	44,000	E	ug/L	500	440	50	380815	09/02/25	09/02/25	ZST
Freon 113	ND		ug/L	100	6.0	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethene	ND		ug/L	25	5.7	50	380815	09/02/25	09/02/25	ZST
Methylene Chloride	ND		ug/L	500	12	50	380815	09/02/25	09/02/25	ZST
Carbon Disulfide	34		ug/L	25	15	50	380815	09/02/25	09/02/25	ZST
MTBE	ND		ug/L	25	5.6	50	380815	09/02/25	09/02/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	25	5.9	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethane	ND		ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST
2-Butanone	29,000	E	ug/L	500	47	50	380815	09/02/25	09/02/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
2,2-Dichloropropane	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Chloroform	ND		ug/L	25	3.4	50	380815	09/02/25	09/02/25	ZST
Bromochloromethane	ND		ug/L	25	6.1	50	380815	09/02/25	09/02/25	ZST
1,1,1-Trichloroethane	ND		ug/L	25	1.3	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloropropene	ND		ug/L	25	4.2	50	380815	09/02/25	09/02/25	ZST
Carbon Tetrachloride	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Benzene	220		ug/L	25	3.7	50	380815	09/02/25	09/02/25	ZST
Trichloroethene	ND		ug/L	25	2.3	50	380815	09/02/25	09/02/25	ZST
1,2-Dichloropropane	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
Bromodichloromethane	ND		ug/L	25	2.5	50	380815	09/02/25	09/02/25	ZST
Dibromomethane	ND		ug/L	25	4.9	50	380815	09/02/25	09/02/25	ZST
4-Methyl-2-Pentanone	530		ug/L	500	27	50	380815	09/02/25	09/02/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	25	3.9	50	380815	09/02/25	09/02/25	ZST
Toluene	17	B,J	ug/L	25	2.4	50	380815	09/02/25	09/02/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	25	1.6	50	380815	09/02/25	09/02/25	ZST
1,1,2-Trichloroethane	ND		ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
2-Hexanone	ND		ug/L	500	30	50	380815	09/02/25	09/02/25	ZST
1,3-Dichloropropane	ND		ug/L	25	5.5	50	380815	09/02/25	09/02/25	ZST
Tetrachloroethene	ND		ug/L	25	4.3	50	380815	09/02/25	09/02/25	ZST
Dibromochloromethane	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2-Dibromoethane	ND		ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST

Analysis Results for 541160

541160-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	25	2.4	50	380815	09/02/25	09/02/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
Ethylbenzene	4.6	J	ug/L	25	2.2	50	380815	09/02/25	09/02/25	ZST
m,p-Xylenes	ND		ug/L	25	7.3	50	380815	09/02/25	09/02/25	ZST
o-Xylene	3.9	J	ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
Styrene	ND		ug/L	25	2.8	50	380815	09/02/25	09/02/25	ZST
Bromoform	ND		ug/L	50	4.0	50	380815	09/02/25	09/02/25	ZST
Isopropylbenzene	ND		ug/L	25	2.8	50	380815	09/02/25	09/02/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	25	3.2	50	380815	09/02/25	09/02/25	ZST
1,2,3-Trichloropropane	ND		ug/L	25	4.7	50	380815	09/02/25	09/02/25	ZST
Propylbenzene	ND		ug/L	25	2.6	50	380815	09/02/25	09/02/25	ZST
Bromobenzene	ND		ug/L	25	3.1	50	380815	09/02/25	09/02/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
2-Chlorotoluene	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
4-Chlorotoluene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
tert-Butylbenzene	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	25	3.7	50	380815	09/02/25	09/02/25	ZST
sec-Butylbenzene	ND		ug/L	25	3.2	50	380815	09/02/25	09/02/25	ZST
para-Isopropyl Toluene	3.6	J	ug/L	25	2.7	50	380815	09/02/25	09/02/25	ZST
1,3-Dichlorobenzene	ND		ug/L	25	3.0	50	380815	09/02/25	09/02/25	ZST
1,4-Dichlorobenzene	ND		ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST
n-Butylbenzene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
1,2-Dichlorobenzene	ND		ug/L	25	2.2	50	380815	09/02/25	09/02/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	15	50	380815	09/02/25	09/02/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	25	5.1	50	380815	09/02/25	09/02/25	ZST
Hexachlorobutadiene	ND		ug/L	100	2.9	50	380815	09/02/25	09/02/25	ZST
Naphthalene	14	B,J	ug/L	100	13	50	380815	09/02/25	09/02/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	5.6	50	380815	09/02/25	09/02/25	ZST
tert-Butyl Alcohol (TBA)	1,900		ug/L	250	160	50	380815	09/02/25	09/02/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	4.8	50	380815	09/02/25	09/02/25	ZST
Xylene (total)	3.9	J	ug/L	25		50	380815	09/02/25	09/02/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	25		50	380815	09/02/25	09/02/25	ZST
Surrogates	Limits									
Dibromofluoromethane	99%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane-d4	97%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
Toluene-d8	96%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
Bromofluorobenzene	101%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST

Analysis Results for 541160

Sample ID: CACA250901Z007LCM624.1	Lab ID: 541160-002 Matrix: Water	Collected: 09/01/25 09:20
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541160-002 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	82	50	380815	09/02/25	09/02/25	ZST
Acrylonitrile	ND		ug/L	100	21	50	380815	09/02/25	09/02/25	ZST
Freon 12	ND		ug/L	50	8.9	50	380815	09/02/25	09/02/25	ZST
Chloromethane	ND		ug/L	50	6.2	50	380815	09/02/25	09/02/25	ZST
Vinyl Chloride	ND		ug/L	25	6.6	50	380815	09/02/25	09/02/25	ZST
Bromomethane	ND		ug/L	50	17	50	380815	09/02/25	09/02/25	ZST
Chloroethane	ND		ug/L	50	2.7	50	380815	09/02/25	09/02/25	ZST
2-Chloroethylvinylether	ND		ug/L	250	9.2	50	380815	09/02/25	09/02/25	ZST
Trichlorofluoromethane	ND		ug/L	50	4.0	50	380815	09/02/25	09/02/25	ZST
Acetone	13,000		ug/L	500	440	50	380815	09/02/25	09/02/25	ZST
Freon 113	ND		ug/L	100	6.0	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethene	ND		ug/L	25	5.7	50	380815	09/02/25	09/02/25	ZST
Methylene Chloride	ND		ug/L	500	12	50	380815	09/02/25	09/02/25	ZST
Carbon Disulfide	ND		ug/L	25	15	50	380815	09/02/25	09/02/25	ZST
MTBE	ND		ug/L	25	5.6	50	380815	09/02/25	09/02/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	25	5.9	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethane	ND		ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST
2-Butanone	8,000		ug/L	500	47	50	380815	09/02/25	09/02/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
2,2-Dichloropropane	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Chloroform	ND		ug/L	25	3.4	50	380815	09/02/25	09/02/25	ZST
Bromochloromethane	ND		ug/L	25	6.1	50	380815	09/02/25	09/02/25	ZST
1,1,1-Trichloroethane	ND		ug/L	25	1.3	50	380815	09/02/25	09/02/25	ZST
1,1-Dichloropropene	ND		ug/L	25	4.2	50	380815	09/02/25	09/02/25	ZST
Carbon Tetrachloride	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Benzene	36		ug/L	25	3.7	50	380815	09/02/25	09/02/25	ZST
Trichloroethene	ND		ug/L	25	2.3	50	380815	09/02/25	09/02/25	ZST
1,2-Dichloropropane	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
Bromodichloromethane	ND		ug/L	25	2.5	50	380815	09/02/25	09/02/25	ZST
Dibromomethane	ND		ug/L	25	4.9	50	380815	09/02/25	09/02/25	ZST
4-Methyl-2-Pentanone	67	J	ug/L	500	27	50	380815	09/02/25	09/02/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	25	3.9	50	380815	09/02/25	09/02/25	ZST
Toluene	24	B,J	ug/L	25	2.4	50	380815	09/02/25	09/02/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	25	1.6	50	380815	09/02/25	09/02/25	ZST
1,1,2-Trichloroethane	ND		ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
2-Hexanone	ND		ug/L	500	30	50	380815	09/02/25	09/02/25	ZST
1,3-Dichloropropane	ND		ug/L	25	5.5	50	380815	09/02/25	09/02/25	ZST
Tetrachloroethene	ND		ug/L	25	4.3	50	380815	09/02/25	09/02/25	ZST
Dibromochloromethane	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2-Dibromoethane	ND		ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST
Chlorobenzene	ND		ug/L	25	2.4	50	380815	09/02/25	09/02/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
Ethylbenzene	8.4	J	ug/L	25	2.2	50	380815	09/02/25	09/02/25	ZST
m,p-Xylenes	13	J	ug/L	25	7.3	50	380815	09/02/25	09/02/25	ZST

Analysis Results for 541160

541160-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	8.0	J	ug/L	25	2.9	50	380815	09/02/25	09/02/25	ZST
Styrene	ND		ug/L	25	2.8	50	380815	09/02/25	09/02/25	ZST
Bromoform	ND		ug/L	50	4.0	50	380815	09/02/25	09/02/25	ZST
Isopropylbenzene	ND		ug/L	25	2.8	50	380815	09/02/25	09/02/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	25	3.2	50	380815	09/02/25	09/02/25	ZST
1,2,3-Trichloropropane	ND		ug/L	25	4.7	50	380815	09/02/25	09/02/25	ZST
Propylbenzene	ND		ug/L	25	2.6	50	380815	09/02/25	09/02/25	ZST
Bromobenzene	ND		ug/L	25	3.1	50	380815	09/02/25	09/02/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
2-Chlorotoluene	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
4-Chlorotoluene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
tert-Butylbenzene	ND		ug/L	25	3.5	50	380815	09/02/25	09/02/25	ZST
1,2,4-Trimethylbenzene	5.5	J	ug/L	25	3.7	50	380815	09/02/25	09/02/25	ZST
sec-Butylbenzene	ND		ug/L	25	3.2	50	380815	09/02/25	09/02/25	ZST
para-Isopropyl Toluene	8.2	J	ug/L	25	2.7	50	380815	09/02/25	09/02/25	ZST
1,3-Dichlorobenzene	ND		ug/L	25	3.0	50	380815	09/02/25	09/02/25	ZST
1,4-Dichlorobenzene	9.0	J	ug/L	25	3.6	50	380815	09/02/25	09/02/25	ZST
n-Butylbenzene	ND		ug/L	25	4.1	50	380815	09/02/25	09/02/25	ZST
1,2-Dichlorobenzene	ND		ug/L	25	2.2	50	380815	09/02/25	09/02/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	15	50	380815	09/02/25	09/02/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	25	5.1	50	380815	09/02/25	09/02/25	ZST
Hexachlorobutadiene	ND		ug/L	100	2.9	50	380815	09/02/25	09/02/25	ZST
Naphthalene	19	B,J	ug/L	100	13	50	380815	09/02/25	09/02/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	25	4.6	50	380815	09/02/25	09/02/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	25	3.3	50	380815	09/02/25	09/02/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	5.6	50	380815	09/02/25	09/02/25	ZST
tert-Butyl Alcohol (TBA)	1,800		ug/L	250	160	50	380815	09/02/25	09/02/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	4.8	50	380815	09/02/25	09/02/25	ZST
Xylene (total)	21	J	ug/L	25		50	380815	09/02/25	09/02/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	25		50	380815	09/02/25	09/02/25	ZST
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
Toluene-d8	95%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST
Bromofluorobenzene	98%		%REC	70-130		50	380815	09/02/25	09/02/25	ZST

Analysis Results for 541160

Sample ID: CACA250901TB001
Lab ID: 541160-003
Collected: 09/01/25 09:00
Matrix: Water

541160-003 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	1.6	1	380815	09/02/25	09/02/25	ZST
Acrylonitrile	ND		ug/L	2.0	0.4	1	380815	09/02/25	09/02/25	ZST
Freon 12	ND		ug/L	1.0	0.2	1	380815	09/02/25	09/02/25	ZST
Chloromethane	ND		ug/L	1.0	0.1	1	380815	09/02/25	09/02/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	380815	09/02/25	09/02/25	ZST
Chloroethane	ND		ug/L	1.0	0.05	1	380815	09/02/25	09/02/25	ZST
2-Chloroethylvinylether	ND		ug/L	5.0	0.2	1	380815	09/02/25	09/02/25	ZST
Trichlorofluoromethane	ND		ug/L	1.0	0.08	1	380815	09/02/25	09/02/25	ZST
Acetone	ND		ug/L	10	8.8	1	380815	09/02/25	09/02/25	ZST
Freon 113	ND		ug/L	2.0	0.1	1	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	380815	09/02/25	09/02/25	ZST
Carbon Disulfide	ND		ug/L	0.5	0.3	1	380815	09/02/25	09/02/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
2-Butanone	ND		ug/L	10	0.9	1	380815	09/02/25	09/02/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
Chloroform	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.03	1	380815	09/02/25	09/02/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.08	1	380815	09/02/25	09/02/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
Benzene	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
Dibromomethane	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	10	0.5	1	380815	09/02/25	09/02/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.08	1	380815	09/02/25	09/02/25	ZST
Toluene	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.03	1	380815	09/02/25	09/02/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
2-Hexanone	ND		ug/L	10	0.6	1	380815	09/02/25	09/02/25	ZST
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.04	1	380815	09/02/25	09/02/25	ZST
m,p-Xylenes	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST

Analysis Results for 541160

541160-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
Styrene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
Bromoform	ND		ug/L	1.0	0.08	1	380815	09/02/25	09/02/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
Propylbenzene	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
Bromobenzene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.08	1	380815	09/02/25	09/02/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.08	1	380815	09/02/25	09/02/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.05	1	380815	09/02/25	09/02/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	1	380815	09/02/25	09/02/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.08	1	380815	09/02/25	09/02/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.04	1	380815	09/02/25	09/02/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	1	380815	09/02/25	09/02/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
Hexachlorobutadiene	ND		ug/L	2.0	0.06	1	380815	09/02/25	09/02/25	ZST
Naphthalene	ND		ug/L	2.0	0.3	1	380815	09/02/25	09/02/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.09	1	380815	09/02/25	09/02/25	ZST
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	1	380815	09/02/25	09/02/25	ZST
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
tert-Butyl Alcohol (TBA)	ND		ug/L	5.0	3.1	1	380815	09/02/25	09/02/25	ZST
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	1	380815	09/02/25	09/02/25	ZST
Xylene (total)	ND		ug/L	0.5		1	380815	09/02/25	09/02/25	ZST
Total Trihalomethanes (THMs)	ND		ug/L	0.5		1	380815	09/02/25	09/02/25	ZST
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-130		1	380815	09/02/25	09/02/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	380815	09/02/25	09/02/25	ZST
Toluene-d8	94%		%REC	70-130		1	380815	09/02/25	09/02/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380815	09/02/25	09/02/25	ZST

B Contamination found in associated Method Blank
 E Response exceeds instrument's linear range
 J Estimated value
 ND Not Detected

Batch QC

Type: Lab Control Sample	Lab ID: QC1289839	Batch: 380815
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1289839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Freon 12	52.05	50.00	ug/L	104%		55-146
Chloromethane	50.13	50.00	ug/L	100%		59-139
Vinyl Chloride	51.24	50.00	ug/L	102%		70-131
Bromomethane	50.41	50.00	ug/L	101%		50-156
Chloroethane	51.18	50.00	ug/L	102%		65-139
Trichlorofluoromethane	51.08	50.00	ug/L	102%		72-138
Acetone	132.7	125.0	ug/L	106%		54-144
Freon 113	50.65	50.00	ug/L	101%		69-130
1,1-Dichloroethene	51.40	50.00	ug/L	103%		69-128
Methylene Chloride	49.53	50.00	ug/L	99%		67-126
Carbon Disulfide	52.65	50.00	ug/L	105%		67-127
MTBE	52.55	50.00	ug/L	105%		66-125
trans-1,2-Dichloroethene	50.06	50.00	ug/L	100%		67-128
1,1-Dichloroethane	50.51	50.00	ug/L	101%		68-126
2-Butanone	126.4	125.0	ug/L	101%		58-139
cis-1,2-Dichloroethene	50.19	50.00	ug/L	100%		68-127
2,2-Dichloropropane	53.69	50.00	ug/L	107%		66-129
Chloroform	50.20	50.00	ug/L	100%		73-125
Bromochloromethane	50.55	50.00	ug/L	101%		73-129
1,1,1-Trichloroethane	51.56	50.00	ug/L	103%		72-126
1,1-Dichloropropene	54.15	50.00	ug/L	108%		74-125
Carbon Tetrachloride	50.86	50.00	ug/L	102%		70-130
1,2-Dichloroethane	49.18	50.00	ug/L	98%		71-121
Benzene	51.46	50.00	ug/L	103%		76-121
Trichloroethene	49.06	50.00	ug/L	98%		76-124
1,2-Dichloropropane	48.06	50.00	ug/L	96%		72-123
Bromodichloromethane	46.89	50.00	ug/L	94%		77-123
Dibromomethane	47.05	50.00	ug/L	94%		75-125
4-Methyl-2-Pentanone	129.8	125.0	ug/L	104%		61-135
cis-1,3-Dichloropropene	50.40	50.00	ug/L	101%		72-126
Toluene	47.88	50.00	ug/L	96%		76-120
trans-1,3-Dichloropropene	52.43	50.00	ug/L	105%		72-125
1,1,2-Trichloroethane	49.01	50.00	ug/L	98%		78-120
2-Hexanone	126.6	125.0	ug/L	101%		59-135
1,3-Dichloropropane	48.71	50.00	ug/L	97%		78-120
Tetrachloroethene	49.18	50.00	ug/L	98%		75-125
Dibromochloromethane	49.05	50.00	ug/L	98%		77-128
1,2-Dibromoethane	48.91	50.00	ug/L	98%		79-122
Chlorobenzene	47.56	50.00	ug/L	95%		78-120
1,1,1,2-Tetrachloroethane	50.29	50.00	ug/L	101%		77-127
Ethylbenzene	49.80	50.00	ug/L	100%		78-122
m,p-Xylenes	100.7	100.0	ug/L	101%		77-125
o-Xylene	49.99	50.00	ug/L	100%		77-123
Styrene	52.30	50.00	ug/L	105%		79-125
Bromoform	49.73	50.00	ug/L	99%		73-129
Isopropylbenzene	50.71	50.00	ug/L	101%		75-128
1,1,2,2-Tetrachloroethane	48.01	50.00	ug/L	96%		70-127

Batch QC

QC1289839 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,2,3-Trichloropropane	48.14	50.00	ug/L	96%		71-124
Propylbenzene	49.71	50.00	ug/L	99%		74-127
Bromobenzene	46.88	50.00	ug/L	94%		77-120
1,3,5-Trimethylbenzene	51.30	50.00	ug/L	103%		77-128
2-Chlorotoluene	48.33	50.00	ug/L	97%		74-124
4-Chlorotoluene	48.97	50.00	ug/L	98%		74-126
tert-Butylbenzene	49.12	50.00	ug/L	98%		76-127
1,2,4-Trimethylbenzene	51.75	50.00	ug/L	103%		76-127
sec-Butylbenzene	50.18	50.00	ug/L	100%		76-129
para-Isopropyl Toluene	51.75	50.00	ug/L	104%		76-129
1,3-Dichlorobenzene	48.98	50.00	ug/L	98%		78-122
1,4-Dichlorobenzene	47.20	50.00	ug/L	94%		77-120
n-Butylbenzene	51.29	50.00	ug/L	103%		74-131
1,2-Dichlorobenzene	47.68	50.00	ug/L	95%		78-121
1,2-Dibromo-3-Chloropropane	49.35	50.00	ug/L	99%		69-127
1,2,4-Trichlorobenzene	48.88	50.00	ug/L	98%		72-131
Hexachlorobutadiene	48.01	50.00	ug/L	96%		67-140
Naphthalene	47.02	50.00	ug/L	94%		69-129
1,2,3-Trichlorobenzene	47.57	50.00	ug/L	95%		74-130
Isopropyl Ether (DIPE)	52.30	50.00	ug/L	105%		59-134
Ethyl tert-Butyl Ether (ETBE)	54.32	50.00	ug/L	109%		64-127
tert-Butyl Alcohol (TBA)	264.7	250.0	ug/L	106%		48-136
Methyl tert-Amyl Ether (TAME)	55.13	50.00	ug/L	110%		65-126
Surrogates						
Dibromofluoromethane	50.92	50.00	ug/L	102%		70-130
1,2-Dichloroethane-d4	49.20	50.00	ug/L	98%		70-130
Toluene-d8	48.23	50.00	ug/L	96%		70-130
Bromofluorobenzene	50.29	50.00	ug/L	101%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1289840	Batch: 380815
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1289840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Freon 12	61.30	50.00	ug/L	123%		55-146	16	36
Chloromethane	58.15	50.00	ug/L	116%		59-139	15	25
Vinyl Chloride	60.02	50.00	ug/L	120%		70-131	16	27
Bromomethane	59.01	50.00	ug/L	118%		50-156	16	29
Chloroethane	58.62	50.00	ug/L	117%		65-139	14	27
Trichlorofluoromethane	58.34	50.00	ug/L	117%		72-138	13	23
Acetone	141.6	125.0	ug/L	113%		54-144	7	26
Freon 113	59.73	50.00	ug/L	119%		69-130	16	26
1,1-Dichloroethene	60.23	50.00	ug/L	120%		69-128	16	23
Methylene Chloride	57.81	50.00	ug/L	116%		67-126	15	23
Carbon Disulfide	61.23	50.00	ug/L	122%		67-127	15	24
MTBE	60.63	50.00	ug/L	121%		66-125	14	22
trans-1,2-Dichloroethene	57.89	50.00	ug/L	116%		67-128	14	23
1,1-Dichloroethane	58.15	50.00	ug/L	116%		68-126	14	22
2-Butanone	138.2	125.0	ug/L	111%		58-139	9	23
cis-1,2-Dichloroethene	58.31	50.00	ug/L	117%		68-127	15	22
2,2-Dichloropropane	61.93	50.00	ug/L	124%		66-129	14	23
Chloroform	58.00	50.00	ug/L	116%		73-125	14	21
Bromochloromethane	58.12	50.00	ug/L	116%		73-129	14	22
1,1,1-Trichloroethane	59.78	50.00	ug/L	120%		72-126	15	22
1,1-Dichloropropene	62.26	50.00	ug/L	125%		74-125	14	23
Carbon Tetrachloride	59.52	50.00	ug/L	119%		70-130	16	23
1,2-Dichloroethane	56.01	50.00	ug/L	112%		71-121	13	20
Benzene	59.61	50.00	ug/L	119%		76-121	15	21
Trichloroethene	56.14	50.00	ug/L	112%		76-124	13	22
1,2-Dichloropropane	55.35	50.00	ug/L	111%		72-123	14	21
Bromodichloromethane	54.56	50.00	ug/L	109%		77-123	15	21
Dibromomethane	53.91	50.00	ug/L	108%		75-125	14	20
4-Methyl-2-Pentanone	144.6	125.0	ug/L	116%		61-135	11	21
cis-1,3-Dichloropropene	58.37	50.00	ug/L	117%		72-126	15	21
Toluene	55.50	50.00	ug/L	111%		76-120	15	21
trans-1,3-Dichloropropene	60.73	50.00	ug/L	121%		72-125	15	20
1,1,2-Trichloroethane	56.22	50.00	ug/L	112%		78-120	14	20
2-Hexanone	139.9	125.0	ug/L	112%		59-135	10	22
1,3-Dichloropropane	55.80	50.00	ug/L	112%		78-120	14	20
Tetrachloroethene	57.19	50.00	ug/L	114%		75-125	15	22
Dibromochloromethane	56.93	50.00	ug/L	114%		77-128	15	20
1,2-Dibromoethane	56.63	50.00	ug/L	113%		79-122	15	20
Chlorobenzene	54.90	50.00	ug/L	110%		78-120	14	20
1,1,1,2-Tetrachloroethane	58.20	50.00	ug/L	116%		77-127	15	20
Ethylbenzene	57.20	50.00	ug/L	114%		78-122	14	20
m,p-Xylenes	116.5	100.0	ug/L	117%		77-125	15	20
o-Xylene	57.85	50.00	ug/L	116%		77-123	15	20
Styrene	60.62	50.00	ug/L	121%		79-125	15	20
Bromoform	57.17	50.00	ug/L	114%		73-129	14	20
Isopropylbenzene	58.45	50.00	ug/L	117%		75-128	14	23

Batch QC

QC1289840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1,2,2-Tetrachloroethane	54.79	50.00	ug/L	110%		70-127	13	21
1,2,3-Trichloropropane	55.42	50.00	ug/L	111%		71-124	14	21
Propylbenzene	57.17	50.00	ug/L	114%		74-127	14	23
Bromobenzene	53.56	50.00	ug/L	107%		77-120	13	21
1,3,5-Trimethylbenzene	59.27	50.00	ug/L	119%		77-128	14	22
2-Chlorotoluene	55.85	50.00	ug/L	112%		74-124	14	22
4-Chlorotoluene	57.04	50.00	ug/L	114%		74-126	15	22
tert-Butylbenzene	57.31	50.00	ug/L	115%		76-127	15	22
1,2,4-Trimethylbenzene	60.59	50.00	ug/L	121%		76-127	16	21
sec-Butylbenzene	57.96	50.00	ug/L	116%		76-129	14	22
para-Isopropyl Toluene	60.33	50.00	ug/L	121%		76-129	15	22
1,3-Dichlorobenzene	56.34	50.00	ug/L	113%		78-122	14	20
1,4-Dichlorobenzene	54.13	50.00	ug/L	108%		77-120	14	20
n-Butylbenzene	60.00	50.00	ug/L	120%		74-131	16	23
1,2-Dichlorobenzene	54.98	50.00	ug/L	110%		78-121	14	20
1,2-Dibromo-3-Chloropropane	56.09	50.00	ug/L	112%		69-127	13	22
1,2,4-Trichlorobenzene	57.93	50.00	ug/L	116%		72-131	17	22
Hexachlorobutadiene	56.38	50.00	ug/L	113%		67-140	16	24
Naphthalene	54.72	50.00	ug/L	109%		69-129	15	22
1,2,3-Trichlorobenzene	56.30	50.00	ug/L	113%		74-130	17	21
Isopropyl Ether (DIPE)	60.14	50.00	ug/L	120%		59-134	14	26
Ethyl tert-Butyl Ether (ETBE)	63.65	50.00	ug/L	127%		64-127	16	22
tert-Butyl Alcohol (TBA)	273.1	250.0	ug/L	109%		48-136	3	28
Methyl tert-Amyl Ether (TAME)	63.63	50.00	ug/L	127%	*	65-126	14	21
Surrogates								
Dibromofluoromethane	51.25	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	48.45	50.00	ug/L	97%		70-130		
Toluene-d8	48.16	50.00	ug/L	96%		70-130		
Bromofluorobenzene	50.51	50.00	ug/L	101%		70-130		

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1289843
Method: EPA 624.1

Batch: 380815
Prep Method: EPA 624.1

QC1289843 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	43.85	50.00	ug/L	88%		60-140
Acrylonitrile	43.57	50.00	ug/L	87%		60-140
2-Chloroethylvinylether	42.64	50.00	ug/L	85%		30-162
Surrogates						
Dibromofluoromethane	51.98	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	51.36	50.00	ug/L	103%		70-130
Toluene-d8	48.05	50.00	ug/L	96%		70-130
Bromofluorobenzene	51.10	50.00	ug/L	102%		70-130

Batch QC

Type: Blank	Lab ID: QC1289844	Batch: 380815
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1289844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	1.6	09/02/25	09/02/25
Acrylonitrile	ND		ug/L	2.0	0.4	09/02/25	09/02/25
Freon 12	ND		ug/L	1.0	0.2	09/02/25	09/02/25
Chloromethane	ND		ug/L	1.0	0.1	09/02/25	09/02/25
Vinyl Chloride	ND		ug/L	0.5	0.1	09/02/25	09/02/25
Bromomethane	ND		ug/L	1.0	0.3	09/02/25	09/02/25
Chloroethane	ND		ug/L	1.0	0.05	09/02/25	09/02/25
2-Chloroethylvinylether	ND		ug/L	5.0	0.2	09/02/25	09/02/25
Trichlorofluoromethane	ND		ug/L	1.0	0.08	09/02/25	09/02/25
Acetone	ND		ug/L	10	8.8	09/02/25	09/02/25
Freon 113	ND		ug/L	2.0	0.1	09/02/25	09/02/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	09/02/25	09/02/25
Methylene Chloride	ND		ug/L	10	0.2	09/02/25	09/02/25
Carbon Disulfide	ND		ug/L	0.5	0.3	09/02/25	09/02/25
MTBE	ND		ug/L	0.5	0.1	09/02/25	09/02/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	09/02/25	09/02/25
1,1-Dichloroethane	ND		ug/L	0.5	0.07	09/02/25	09/02/25
2-Butanone	ND		ug/L	10	0.9	09/02/25	09/02/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.09	09/02/25	09/02/25
2,2-Dichloropropane	ND		ug/L	0.5	0.09	09/02/25	09/02/25
Chloroform	ND		ug/L	0.5	0.07	09/02/25	09/02/25
Bromochloromethane	ND		ug/L	0.5	0.1	09/02/25	09/02/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.03	09/02/25	09/02/25
1,1-Dichloropropene	ND		ug/L	0.5	0.08	09/02/25	09/02/25
Carbon Tetrachloride	ND		ug/L	0.5	0.07	09/02/25	09/02/25
1,2-Dichloroethane	ND		ug/L	0.5	0.09	09/02/25	09/02/25
Benzene	ND		ug/L	0.5	0.07	09/02/25	09/02/25
Trichloroethene	ND		ug/L	0.5	0.05	09/02/25	09/02/25
1,2-Dichloropropane	ND		ug/L	0.5	0.07	09/02/25	09/02/25
Bromodichloromethane	ND		ug/L	0.5	0.05	09/02/25	09/02/25
Dibromomethane	ND		ug/L	0.5	0.1	09/02/25	09/02/25
4-Methyl-2-Pentanone	ND		ug/L	10	0.5	09/02/25	09/02/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.08	09/02/25	09/02/25
Toluene	0.1	J	ug/L	0.5	0.05	09/02/25	09/02/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.03	09/02/25	09/02/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.06	09/02/25	09/02/25
2-Hexanone	ND		ug/L	10	0.6	09/02/25	09/02/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	09/02/25	09/02/25
Tetrachloroethene	ND		ug/L	0.5	0.09	09/02/25	09/02/25
Dibromochloromethane	ND		ug/L	0.5	0.07	09/02/25	09/02/25
1,2-Dibromoethane	ND		ug/L	0.5	0.07	09/02/25	09/02/25
Chlorobenzene	ND		ug/L	0.5	0.05	09/02/25	09/02/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.06	09/02/25	09/02/25
Ethylbenzene	ND		ug/L	0.5	0.04	09/02/25	09/02/25
m,p-Xylenes	ND		ug/L	0.5	0.1	09/02/25	09/02/25
o-Xylene	ND		ug/L	0.5	0.06	09/02/25	09/02/25
Styrene	ND		ug/L	0.5	0.06	09/02/25	09/02/25

Batch QC

QC1289844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.08	09/02/25	09/02/25
Isopropylbenzene	ND		ug/L	0.5	0.06	09/02/25	09/02/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	09/02/25	09/02/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.09	09/02/25	09/02/25
Propylbenzene	ND		ug/L	0.5	0.05	09/02/25	09/02/25
Bromobenzene	ND		ug/L	0.5	0.06	09/02/25	09/02/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.08	09/02/25	09/02/25
2-Chlorotoluene	ND		ug/L	0.5	0.07	09/02/25	09/02/25
4-Chlorotoluene	ND		ug/L	0.5	0.08	09/02/25	09/02/25
tert-Butylbenzene	ND		ug/L	0.5	0.07	09/02/25	09/02/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.07	09/02/25	09/02/25
sec-Butylbenzene	ND		ug/L	0.5	0.06	09/02/25	09/02/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.05	09/02/25	09/02/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.06	09/02/25	09/02/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.07	09/02/25	09/02/25
n-Butylbenzene	ND		ug/L	0.5	0.08	09/02/25	09/02/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.04	09/02/25	09/02/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	09/02/25	09/02/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	09/02/25	09/02/25
Hexachlorobutadiene	ND		ug/L	2.0	0.06	09/02/25	09/02/25
Naphthalene	0.3	J	ug/L	2.0	0.3	09/02/25	09/02/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.09	09/02/25	09/02/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.07	09/02/25	09/02/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	09/02/25	09/02/25
tert-Butyl Alcohol (TBA)	ND		ug/L	5.0	3.1	09/02/25	09/02/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	09/02/25	09/02/25
Xylene (total)	ND		ug/L	0.5		09/02/25	09/02/25
Total Trihalomethanes (THMs)	ND		ug/L	0.5		09/02/25	09/02/25
Surrogates	Limits						
Dibromofluoromethane	103%		%REC	70-130		09/02/25	09/02/25
1,2-Dichloroethane-d4	98%		%REC	70-130		09/02/25	09/02/25
Toluene-d8	97%		%REC	70-130		09/02/25	09/02/25
Bromofluorobenzene	99%		%REC	70-130		09/02/25	09/02/25

Batch QC

Type: Matrix Spike	Lab ID: QC1289893	Batch: 380815
Matrix (Source ID): Water (540685-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1289893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Freon 12	11.59	ND	20.00	ug/L	58%		57-133	1
Chloromethane	13.56	ND	20.00	ug/L	68%		58-137	1
Vinyl Chloride	14.30	ND	20.00	ug/L	71%		64-128	1
Bromomethane	13.05	ND	20.00	ug/L	65%		48-154	1
Chloroethane	15.03	ND	20.00	ug/L	75%		64-146	1
Trichlorofluoromethane	15.54	ND	20.00	ug/L	78%		68-145	1
Acetone	68.29	25.07	50.00	ug/L	86%		38-163	1
Freon 113	16.80	ND	20.00	ug/L	84%		64-133	1
1,1-Dichloroethene	15.77	ND	20.00	ug/L	79%		62-131	1
Methylene Chloride	16.57	ND	20.00	ug/L	83%		64-128	1
Carbon Disulfide	16.01	ND	20.00	ug/L	80%		62-127	1
MTBE	16.32	ND	20.00	ug/L	82%		61-124	1
trans-1,2-Dichloroethene	15.59	ND	20.00	ug/L	78%		63-130	1
1,1-Dichloroethane	15.76	ND	20.00	ug/L	79%		63-126	1
2-Butanone	48.46	10.10	50.00	ug/L	77%		48-157	1
cis-1,2-Dichloroethene	16.12	0.2808	20.00	ug/L	79%		61-130	1
2,2-Dichloropropane	15.24	ND	20.00	ug/L	76%		59-127	1
Chloroform	16.27	ND	20.00	ug/L	81%		67-127	1
Bromochloromethane	16.38	ND	20.00	ug/L	82%		69-132	1
1,1,1-Trichloroethane	16.10	ND	20.00	ug/L	80%		65-126	1
1,1-Dichloropropene	16.42	ND	20.00	ug/L	82%		68-127	1
Carbon Tetrachloride	15.61	ND	20.00	ug/L	78%		70-140	1
1,2-Dichloroethane	16.05	ND	20.00	ug/L	80%		68-122	1
Benzene	16.04	ND	20.00	ug/L	80%		70-123	1
Trichloroethene	15.62	ND	20.00	ug/L	78%		65-131	1
1,2-Dichloropropane	15.26	ND	20.00	ug/L	76%		69-126	1
Bromodichloromethane	14.62	ND	20.00	ug/L	73%		71-125	1
Dibromomethane	14.51	ND	20.00	ug/L	73%		71-128	1
4-Methyl-2-Pentanone	38.55	1.015	50.00	ug/L	75%		60-135	1
cis-1,3-Dichloropropene	15.34	ND	20.00	ug/L	77%		68-129	1
Toluene	14.82	0.08891	20.00	ug/L	74%		69-120	1
trans-1,3-Dichloropropene	16.22	ND	20.00	ug/L	81%		67-128	1
1,1,2-Trichloroethane	16.04	ND	20.00	ug/L	80%		73-125	1
2-Hexanone	40.26	2.590	50.00	ug/L	75%		54-149	1
1,3-Dichloropropane	15.51	ND	20.00	ug/L	78%		74-125	1
Tetrachloroethene	15.67	ND	20.00	ug/L	78%		65-132	1
Dibromochloromethane	14.66	ND	20.00	ug/L	73%		73-132	1
1,2-Dibromoethane	15.15	ND	20.00	ug/L	76%		74-126	1
Chlorobenzene	15.02	ND	20.00	ug/L	75%		72-121	1
1,1,1,2-Tetrachloroethane	15.61	ND	20.00	ug/L	78%		73-132	1
Ethylbenzene	15.36	0.05350	20.00	ug/L	77%		70-126	1
m,p-Xylenes	31.49	0.4144	40.00	ug/L	78%		69-128	1
o-Xylene	15.88	0.3450	20.00	ug/L	78%		70-128	1
Styrene	15.61	ND	20.00	ug/L	78%		54-136	1
Bromoform	14.80	ND	20.00	ug/L	74%		69-131	1

Batch QC

QC1289893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Isopropylbenzene	14.02	ND	20.00	ug/L	70%		69-131	1
1,1,2,2-Tetrachloroethane	15.22	ND	20.00	ug/L	76%		67-132	1
1,2,3-Trichloropropane	14.78	ND	20.00	ug/L	74%		69-128	1
Propylbenzene	15.25	ND	20.00	ug/L	76%		69-133	1
Bromobenzene	14.55	ND	20.00	ug/L	73%		73-124	1
1,3,5-Trimethylbenzene	15.97	ND	20.00	ug/L	80%		71-134	1
2-Chlorotoluene	15.28	ND	20.00	ug/L	76%		71-130	1
4-Chlorotoluene	15.66	ND	20.00	ug/L	78%		70-130	1
tert-Butylbenzene	15.33	ND	20.00	ug/L	77%		70-132	1
1,2,4-Trimethylbenzene	15.86	0.1517	20.00	ug/L	79%		70-131	1
sec-Butylbenzene	15.85	ND	20.00	ug/L	79%		70-135	1
para-Isopropyl Toluene	15.63	ND	20.00	ug/L	78%		69-135	1
1,3-Dichlorobenzene	15.85	ND	20.00	ug/L	79%		74-128	1
1,4-Dichlorobenzene	15.00	ND	20.00	ug/L	75%		71-122	1
n-Butylbenzene	15.82	ND	20.00	ug/L	79%		68-137	1
1,2-Dichlorobenzene	15.65	ND	20.00	ug/L	78%		74-126	1
1,2-Dibromo-3-Chloropropane	14.16	ND	20.00	ug/L	71%		65-127	1
1,2,4-Trichlorobenzene	14.67	ND	20.00	ug/L	73%		67-136	1
Hexachlorobutadiene	15.93	ND	20.00	ug/L	80%		66-155	1
Naphthalene	13.68	0.2929	20.00	ug/L	67%		66-133	1
1,2,3-Trichlorobenzene	14.35	ND	20.00	ug/L	72%		68-134	1
Isopropyl Ether (DIPE)	32.27	ND	40.00	ug/L	81%		55-131	1
Ethyl tert-Butyl Ether (ETBE)	16.13	ND	20.00	ug/L	81%		58-127	1
tert-Butyl Alcohol (TBA)	73.76	3.702	100.0	ug/L	70%		44-125	1
Methyl tert-Amyl Ether (TAME)	16.70	ND	20.00	ug/L	84%		62-123	1
Surrogates								
Dibromofluoromethane	50.63		50.00	ug/L	101%		70-130	1
1,2-Dichloroethane-d4	48.52		50.00	ug/L	97%		70-130	1
Toluene-d8	48.29		50.00	ug/L	97%		70-130	1
Bromofluorobenzene	49.73		50.00	ug/L	99%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1289894	Batch: 380815
Matrix (Source ID): Water (540685-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1289894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Freon 12	17.04	ND	20.00	ug/L	85%		57-133	38*	28	1
Chloromethane	19.24	ND	20.00	ug/L	96%		58-137	35*	30	1
Vinyl Chloride	20.94	ND	20.00	ug/L	105%		64-128	38*	29	1
Bromomethane	19.26	ND	20.00	ug/L	96%		48-154	38*	30	1
Chloroethane	22.12	ND	20.00	ug/L	111%		64-146	38*	31	1
Trichlorofluoromethane	22.62	ND	20.00	ug/L	113%		68-145	37*	27	1
Acetone	85.36	25.07	50.00	ug/L	121%		38-163	22	32	1
Freon 113	23.98	ND	20.00	ug/L	120%		64-133	35*	32	1
1,1-Dichloroethene	22.94	ND	20.00	ug/L	115%		62-131	37*	31	1
Methylene Chloride	23.49	ND	20.00	ug/L	117%		64-128	35*	30	1
Carbon Disulfide	23.36	ND	20.00	ug/L	117%		62-127	37*	31	1
MTBE	23.67	ND	20.00	ug/L	118%		61-124	37*	30	1
trans-1,2-Dichloroethene	22.93	ND	20.00	ug/L	115%		63-130	38*	30	1
1,1-Dichloroethane	23.05	ND	20.00	ug/L	115%		63-126	38*	30	1
2-Butanone	66.66	10.10	50.00	ug/L	113%		48-157	32*	30	1
cis-1,2-Dichloroethene	23.46	0.2808	20.00	ug/L	116%		61-130	37*	30	1
2,2-Dichloropropane	22.02	ND	20.00	ug/L	110%		59-127	36*	32	1
Chloroform	23.72	ND	20.00	ug/L	119%		67-127	37*	30	1
Bromochloromethane	23.43	ND	20.00	ug/L	117%		69-132	35*	31	1
1,1,1-Trichloroethane	23.13	ND	20.00	ug/L	116%		65-126	36*	31	1
1,1-Dichloropropene	24.02	ND	20.00	ug/L	120%		68-127	38*	30	1
Carbon Tetrachloride	22.45	ND	20.00	ug/L	112%		70-140	36*	32	1
1,2-Dichloroethane	22.96	ND	20.00	ug/L	115%		68-122	35*	29	1
Benzene	23.45	ND	20.00	ug/L	117%		70-123	38*	31	1
Trichloroethene	23.56	ND	20.00	ug/L	118%		65-131	41*	31	1
1,2-Dichloropropane	22.67	ND	20.00	ug/L	113%		69-126	39*	30	1
Bromodichloromethane	21.51	ND	20.00	ug/L	108%		71-125	38*	30	1
Dibromomethane	21.36	ND	20.00	ug/L	107%		71-128	38*	30	1
4-Methyl-2-Pentanone	58.55	1.015	50.00	ug/L	115%		60-135	41*	30	1
cis-1,3-Dichloropropene	22.85	ND	20.00	ug/L	114%		68-129	39*	30	1
Toluene	21.99	0.08891	20.00	ug/L	110%		69-120	39*	29	1
trans-1,3-Dichloropropene	24.72	ND	20.00	ug/L	124%		67-128	41*	29	1
1,1,2-Trichloroethane	23.20	ND	20.00	ug/L	116%		73-125	36*	29	1
2-Hexanone	60.59	2.590	50.00	ug/L	116%		54-149	40*	31	1
1,3-Dichloropropane	22.82	ND	20.00	ug/L	114%		74-125	38*	29	1
Tetrachloroethene	23.29	ND	20.00	ug/L	116%		65-132	39*	31	1
Dibromochloromethane	21.55	ND	20.00	ug/L	108%		73-132	38*	29	1
1,2-Dibromoethane	22.59	ND	20.00	ug/L	113%		74-126	39*	29	1
Chlorobenzene	22.06	ND	20.00	ug/L	110%		72-121	38*	29	1
1,1,1,2-Tetrachloroethane	22.84	ND	20.00	ug/L	114%		73-132	38*	29	1
Ethylbenzene	22.56	0.05350	20.00	ug/L	113%		70-126	38*	29	1
m,p-Xylenes	46.71	0.4144	40.00	ug/L	116%		69-128	39*	29	1
o-Xylene	23.00	0.3450	20.00	ug/L	113%		70-128	37*	29	1
Styrene	23.13	ND	20.00	ug/L	116%		54-136	39	44	1
Bromoform	22.03	ND	20.00	ug/L	110%		69-131	39*	30	1

Batch QC

QC1289894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Isopropylbenzene	20.95	ND	20.00	ug/L	105%		69-131	40*	31	1
1,1,2,2-Tetrachloroethane	22.84	ND	20.00	ug/L	114%		67-132	40*	30	1
1,2,3-Trichloropropane	22.20	ND	20.00	ug/L	111%		69-128	40*	29	1
Propylbenzene	22.83	ND	20.00	ug/L	114%		69-133	40*	30	1
Bromobenzene	21.82	ND	20.00	ug/L	109%		73-124	40*	29	1
1,3,5-Trimethylbenzene	23.57	ND	20.00	ug/L	118%		71-134	38*	31	1
2-Chlorotoluene	22.60	ND	20.00	ug/L	113%		71-130	39*	30	1
4-Chlorotoluene	22.92	ND	20.00	ug/L	115%		70-130	38*	30	1
tert-Butylbenzene	22.69	ND	20.00	ug/L	113%		70-132	39*	31	1
1,2,4-Trimethylbenzene	23.77	0.1517	20.00	ug/L	118%		70-131	40*	29	1
sec-Butylbenzene	23.37	ND	20.00	ug/L	117%		70-135	38*	31	1
para-Isopropyl Toluene	23.47	ND	20.00	ug/L	117%		69-135	40*	31	1
1,3-Dichlorobenzene	23.10	ND	20.00	ug/L	115%		74-128	37*	29	1
1,4-Dichlorobenzene	21.70	ND	20.00	ug/L	108%		71-122	36*	29	1
n-Butylbenzene	23.02	ND	20.00	ug/L	115%		68-137	37*	32	1
1,2-Dichlorobenzene	22.11	ND	20.00	ug/L	111%		74-126	34*	29	1
1,2-Dibromo-3-Chloropropane	21.63	ND	20.00	ug/L	108%		65-127	42*	31	1
1,2,4-Trichlorobenzene	21.14	ND	20.00	ug/L	106%		67-136	36*	31	1
Hexachlorobutadiene	23.06	ND	20.00	ug/L	115%		66-155	37*	32	1
Naphthalene	20.79	0.2929	20.00	ug/L	102%		66-133	41*	29	1
1,2,3-Trichlorobenzene	21.19	ND	20.00	ug/L	106%		68-134	38*	31	1
Isopropyl Ether (DIPE)	47.41	ND	40.00	ug/L	119%		55-131	38*	30	1
Ethyl tert-Butyl Ether (ETBE)	23.89	ND	20.00	ug/L	119%		58-127	39*	31	1
tert-Butyl Alcohol (TBA)	103.2	3.702	100.0	ug/L	99%		44-125	33	33	1
Methyl tert-Amyl Ether (TAME)	24.58	ND	20.00	ug/L	123%		62-123	38*	30	1
Surrogates										
Dibromofluoromethane	49.63		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	48.20		50.00	ug/L	96%		70-130			1
Toluene-d8	48.83		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	50.36		50.00	ug/L	101%		70-130			1

* Value is outside QC limits

J Estimated value

ND Not Detected

CTEH Leachate Tanks and Manifolds

Chiquita Canyon Landfill - August 11, 2025

0 250 500 ft



City: Castaic
State: CA
CRS: NAD83(2011) / California zone 5 (ftUS)
Projection: Lambert Conformal Conic
Printed: 2025-07-14

