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De: [Steve Cassulo](#)

Enviado: Lunes 12 de mayo de 2025 3:48:40 PM

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

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

Asunto: Vertedero de Chiquita Canyon — Caso No. 6177-4 – Toma de Muestras de la Condición 38

Importancia: Normal

Sensibilidad: Ninguna

Adjunto:

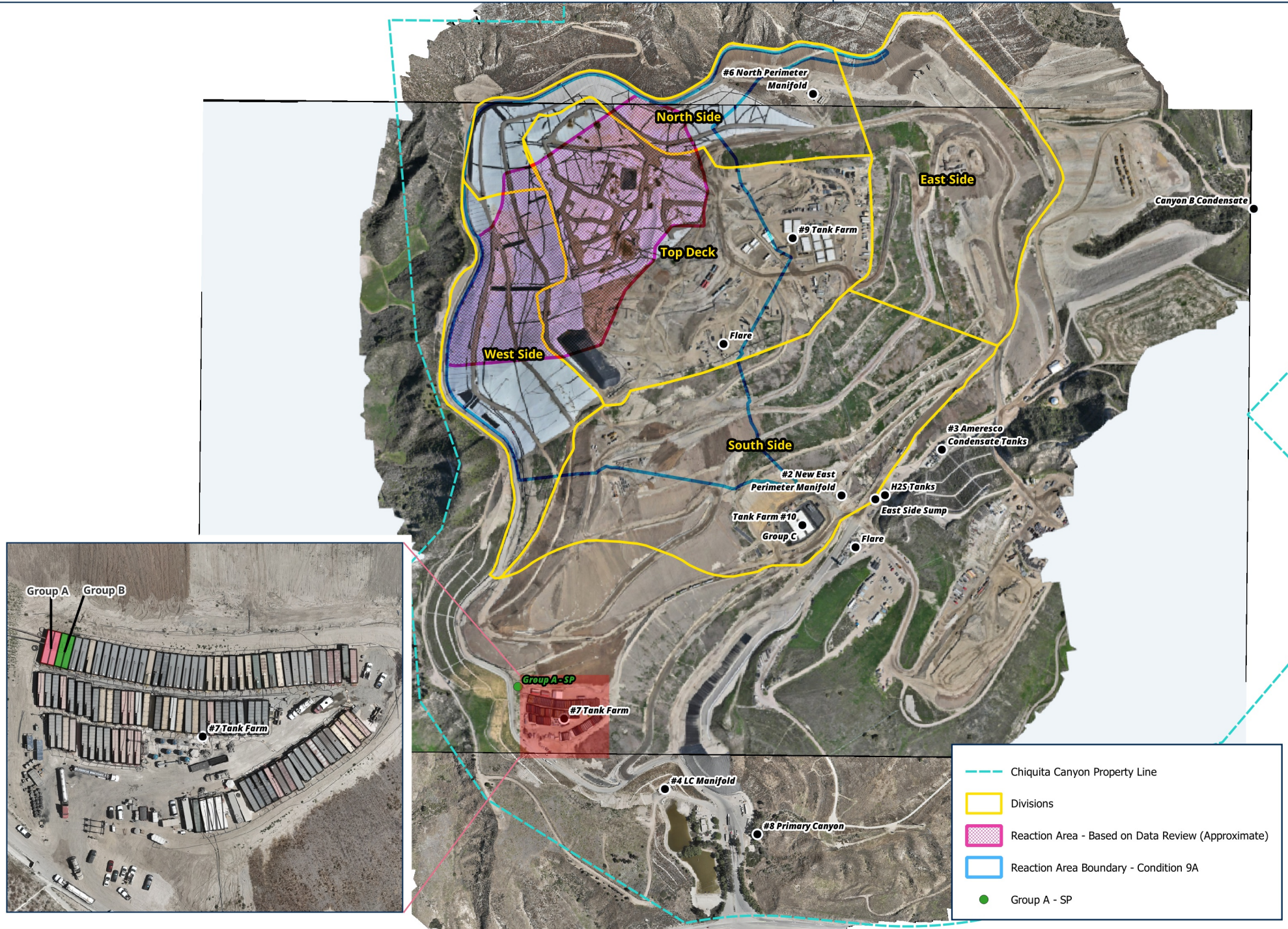
[Tanks and Manifolds.pdf](#); [532305_level2.pdf](#);

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

Todos,

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 5 de mayo de 2025, el código de muestreo CACA250503Z007LCM624.1 corresponde a la muestra tomada de los tanques del Colector LC No. 4 y el código de muestreo ID CACA250503Z001A624.1 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 No. 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 No. 4 son representativos de las muestras mensuales del área del Vertedero que no están afectadas por la reacción. Los tanques del Colector LC No. 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 No. 7 (que es un grupo de tanques ubicado dentro del Parque de Tanques No. 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.

Steve Cassulo
Gerente de Distrito
661-371-9214





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

enthalpy.com

Lab Job Number : 532305
Report Level : II
Report Date : 05/05/2025

Analytical Report *prepared for:*

Helen Dubach
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

Helen Dubach	Lab Job #:	532305
CTEH Chiquita Canyon	Project No:	CHIQUITA MONTHLY
Landfill - PROJ-037507	Location:	Monthly EPA 624.1 - SOFA Condition 38
5120 Northshore Drive	Date Received:	05/04/25
North Little Rock, AR		
72118		

Sample ID	Lab ID	Collected	Matrix
CACA250503Z001A624.1	532305-001	05/03/25 09:45	Water
CACA250503Z007LCM624.1	532305-002	05/03/25 10:00	Water
CACA250503TB001	532305-003	05/03/25 10:00	Water

Case Narrative

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

Lab Job Number: 532305
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA
Condition 38
Date Received: 05/04/25

This data package contains sample and QC results for three water samples, requested for the above referenced project on 05/04/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 624.1):

- High responses were observed for chloroethane and hexachlorobutadiene in the ICV analyzed 05/02/25 19:08; affected data was qualified with "b". Indicates potential for high bias in field sample results - all ND for these analytes.
- High responses were observed for bromomethane and chloromethane in the CCV analyzed 05/04/25 11:21; affected data was qualified with "b". Indicates potential for high bias in field sample results - all ND for these analytes.
- High recoveries were observed for bromomethane and chloromethane in the BS/BSD for batch 370430; the associated RPDs were within limits, and these high recoveries were not associated with any reported results.
- Low recovery was observed for acrolein in the LCS for batch 370430; the low recovery was not associated with any reported results.
- High recoveries were observed for chloroethane, Freon 12, and vinyl chloride in the BSD for batch 370434; the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- High recoveries were observed for a number of analytes in the MS/MSD of CACA250503Z007LCM624.1 (lab # 532305-002); the associated RPDs were within limits. May indicate potential for high bias specific to this field sample for the analytes with high recoveries.
- Low recoveries were observed for many analytes in the MSD for batch 370434; the parent sample was not a project sample, and the BS/BSD were within limits. High recoveries were observed for 2-hexanone and trichloroethene in the MS/MSD for batch 370434; the BS/BSD were within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples. High RPD was observed for many analytes; the RPD was acceptable in the BS/BSD.
- Responses exceeding the instrument's linear range were observed for acetone and 2-butanone in CACA250503Z001A624.1 (lab # 532305-001); affected data was qualified with "E".
- Para-isopropyl toluene was detected between the MDL and the RL in the method blank for batch 370430; this analyte was not detected in the sample at or above the RL.
- 1,2,4-trimethylbenzene was detected between the MDL and the RL in the method blank for batch 370434; this analyte was not detected in samples at or above the RL.
- CACA250503Z001A624.1 (lab # 532305-001), CACA250503Z007LCM624.1 (lab # 532305-002), and CACA250503TB001 (lab # 532305-003) had pH greater than 2.
- No other analytical problems were encountered.

Detection Summary

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

Lab Job #: 532305
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 05/04/25

Sample ID: CACA250503Z001A624.1

Lab ID: 532305-001

Collected: 05/03/25 09:45

Matrix: Water

532305-001 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	78,000	E	ug/L	1,000	1,000
Carbon Disulfide	34		ug/L	25	18
MTBE	9.2	J	ug/L	25	4.5
2-Butanone	41,000	E	ug/L	500	87
Benzene	870		ug/L	25	5.9
4-Methyl-2-Pentanone	800		ug/L	500	51
Toluene	62		ug/L	25	6.0
2-Hexanone	350	J	ug/L	500	35
Ethylbenzene	25		ug/L	25	5.8
m,p-Xylenes	24	J	ug/L	25	10
o-Xylene	14	J	ug/L	25	4.8
Isopropylbenzene	9.4	J	ug/L	25	6.0
1,1,2,2-Tetrachloroethane	13	J	ug/L	25	8.4
1,2,4-Trimethylbenzene	11	B,J	ug/L	25	8.2
para-Isopropyl Toluene	56		ug/L	25	12
Naphthalene	33	J	ug/L	100	16
tert-Butyl Alcohol (TBA)	1,900		ug/L	500	380
Xylene (total)	38	J	ug/L	25	

Sample ID:

CACA250503Z007LCM624.1

Lab ID: 532305-002

Matrix: Water

Collected: 05/03/25 10:00

532305-002 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	4,200		ug/L	1,000	1,000
2-Butanone	5,000		ug/L	500	87
Benzene	21	J	ug/L	25	5.9
4-Methyl-2-Pentanone	60	J	ug/L	500	51
Toluene	19	J	ug/L	25	6.0
Ethylbenzene	8.1	J	ug/L	25	5.8
m,p-Xylenes	11	J	ug/L	25	10
o-Xylene	6.5	J	ug/L	25	4.8
para-Isopropyl Toluene	16	J	ug/L	25	12
Naphthalene	17	J	ug/L	100	16
tert-Butyl Alcohol (TBA)	1,800		ug/L	500	380
Xylene (total)	18	J	ug/L	25	

Detection Summary

Sample ID: CACA250503TB001**Lab ID: 532305-003****Collected: 05/03/25 10:00**

No Detections

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

ENTHALPY ANALYTICAL Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Chain of Custody Record			Turn Around Time (rush by advanced notice only)						
		Lab No: Page: 1 of 1		Standard: 5 Day: 3 Day:		Custom TAT:					
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			Analysis Request			Test Instructions / Comments			
		LIMS Account: CTEH-CHIQUITA		LIMS Proj. Name: WC CHIQUITACANYON LF		EP624.1 TRIPP BLANK			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.		
		Project #: Proj-037507									
		P.O. #: PO-4050-24-00351									
		Address: 29201 Henry Mayo Dr., Castaic, CA									
Global ID:											
Sampled By: EW ST											
Sample ID		Sampling Date		Sampling Time		Matrix		Container No. / Size		Pres.	
1 CACA250503Z001A624.1		05/03/25		0945		W		4		4,6	
2 CACA250503Z007LCM624.1		05/03/25		1000		W		4		4,6	
3 CACA250503TB001		05/03/25		1000		W		4		6	
4											
5											
6											
7											
8											
9											
10											
Signature		Print Name		Company / Title		Date / Time					
1 Relinquished By:		Caleb Heray		CTEH		3/4/2025 0730					
1 Received By:		Jen		JETH CO		05/04/2025 0730					
2 Relinquished By:											
2 Received By:											
3 Relinquished By:											
3 Received By:											

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 05/04/25 WO# 532305 Client: CTEH

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 05/04/25 By (initials) JKC 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: 2.9 / 2.9 #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 SAMPLE - #1 HAS 1 OF 4 VIALS WITH >6mm HEADSPACE

☐ No additional discrepancies

Date Logged 05/03/25 By (print) JELBERT R QUITUGUA (sign)

Date Labeled 05/04/25 By (print) JETH CO (sign)

Analysis Results for 532305

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

Lab Job #: 532305
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 05/04/25

Sample ID: CACA250503Z001A624.1

Lab ID: 532305-001

Collected: 05/03/25 09:45

Matrix: Water

532305-001 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	110	50	370434	05/04/25	05/04/25	EJB
Acrylonitrile	ND		ug/L	100	16	50	370434	05/04/25	05/04/25	EJB
Freon 12	ND		ug/L	50	8.8	50	370434	05/04/25	05/04/25	EJB
Chloromethane	ND		ug/L	50	14	50	370434	05/04/25	05/04/25	EJB
Vinyl Chloride	ND		ug/L	25	6.6	50	370434	05/04/25	05/04/25	EJB
Bromomethane	ND		ug/L	50	22	50	370434	05/04/25	05/04/25	EJB
Chloroethane	ND		ug/L	50	17	50	370434	05/04/25	05/04/25	EJB
2-Chloroethylvinylether	ND		ug/L	250	130	50	370430	05/04/25	05/04/25	EJB
Trichlorofluoromethane	ND		ug/L	50	3.8	50	370434	05/04/25	05/04/25	EJB
Acetone	78,000	E	ug/L	1,000	1,000	50	370434	05/04/25	05/04/25	EJB
Freon 113	ND		ug/L	100	6.4	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethene	ND		ug/L	25	4.2	50	370434	05/04/25	05/04/25	EJB
Methylene Chloride	ND		ug/L	500	120	50	370434	05/04/25	05/04/25	EJB
Carbon Disulfide	34		ug/L	25	18	50	370434	05/04/25	05/04/25	EJB
MTBE	9.2	J	ug/L	25	4.5	50	370434	05/04/25	05/04/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethane	ND		ug/L	25	4.5	50	370434	05/04/25	05/04/25	EJB
2-Butanone	41,000	E	ug/L	500	87	50	370434	05/04/25	05/04/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	25	7.9	50	370434	05/04/25	05/04/25	EJB
2,2-Dichloropropane	ND		ug/L	25	7.3	50	370434	05/04/25	05/04/25	EJB
Chloroform	ND		ug/L	25	5.3	50	370434	05/04/25	05/04/25	EJB
Bromochloromethane	ND		ug/L	25	7.6	50	370434	05/04/25	05/04/25	EJB
1,1,1-Trichloroethane	ND		ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloropropene	ND		ug/L	25	3.8	50	370434	05/04/25	05/04/25	EJB
Carbon Tetrachloride	ND		ug/L	25	5.2	50	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane	ND		ug/L	25	9.7	50	370434	05/04/25	05/04/25	EJB
Benzene	870		ug/L	25	5.9	50	370434	05/04/25	05/04/25	EJB
Trichloroethene	ND		ug/L	25	7.8	50	370434	05/04/25	05/04/25	EJB
1,2-Dichloropropane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Bromodichloromethane	ND		ug/L	25	4.2	50	370434	05/04/25	05/04/25	EJB
Dibromomethane	ND		ug/L	25	7.8	50	370434	05/04/25	05/04/25	EJB
4-Methyl-2-Pentanone	800		ug/L	500	51	50	370434	05/04/25	05/04/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	25	2.9	50	370434	05/04/25	05/04/25	EJB
Toluene	62		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	25	5.1	50	370434	05/04/25	05/04/25	EJB
1,1,2-Trichloroethane	ND		ug/L	25	7.6	50	370434	05/04/25	05/04/25	EJB
2-Hexanone	350	J	ug/L	500	35	50	370434	05/04/25	05/04/25	EJB
1,3-Dichloropropane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Tetrachloroethene	ND		ug/L	25	4.7	50	370434	05/04/25	05/04/25	EJB
Dibromochloromethane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
1,2-Dibromoethane	ND		ug/L	25	3.6	50	370434	05/04/25	05/04/25	EJB

Analysis Results for 532305

532305-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	25	4.7	50	370434	05/04/25	05/04/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Ethylbenzene	25		ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
m,p-Xylenes	24	J	ug/L	25	10	50	370434	05/04/25	05/04/25	EJB
o-Xylene	14	J	ug/L	25	4.8	50	370434	05/04/25	05/04/25	EJB
Styrene	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
Bromoform	ND		ug/L	50	8.1	50	370434	05/04/25	05/04/25	EJB
Isopropylbenzene	9.4	J	ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
1,1,2,2-Tetrachloroethane	13	J	ug/L	25	8.4	50	370434	05/04/25	05/04/25	EJB
1,2,3-Trichloropropane	ND		ug/L	25	8.2	50	370434	05/04/25	05/04/25	EJB
Propylbenzene	ND		ug/L	25	9.1	50	370434	05/04/25	05/04/25	EJB
Bromobenzene	ND		ug/L	25	5.6	50	370434	05/04/25	05/04/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	25	6.1	50	370434	05/04/25	05/04/25	EJB
2-Chlorotoluene	ND		ug/L	25	5.4	50	370434	05/04/25	05/04/25	EJB
4-Chlorotoluene	ND		ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
tert-Butylbenzene	ND		ug/L	25	9.2	50	370434	05/04/25	05/04/25	EJB
1,2,4-Trimethylbenzene	11	B,J	ug/L	25	8.2	50	370434	05/04/25	05/04/25	EJB
sec-Butylbenzene	ND		ug/L	25	12	50	370434	05/04/25	05/04/25	EJB
para-Isopropyl Toluene	56		ug/L	25	12	50	370434	05/04/25	05/04/25	EJB
1,3-Dichlorobenzene	ND		ug/L	25	6.7	50	370434	05/04/25	05/04/25	EJB
1,4-Dichlorobenzene	ND		ug/L	25	9.3	50	370434	05/04/25	05/04/25	EJB
n-Butylbenzene	ND		ug/L	25	20	50	370434	05/04/25	05/04/25	EJB
1,2-Dichlorobenzene	ND		ug/L	25	6.5	50	370434	05/04/25	05/04/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	13	50	370434	05/04/25	05/04/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	25	16	50	370434	05/04/25	05/04/25	EJB
Hexachlorobutadiene	ND		ug/L	100	20	50	370434	05/04/25	05/04/25	EJB
Naphthalene	33	J	ug/L	100	16	50	370434	05/04/25	05/04/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	25	17	50	370434	05/04/25	05/04/25	EJB
Isopropyl Ether (DIPE)	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	5.7	50	370434	05/04/25	05/04/25	EJB
tert-Butyl Alcohol (TBA)	1,900		ug/L	500	380	50	370434	05/04/25	05/04/25	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	3.2	50	370434	05/04/25	05/04/25	EJB
Xylene (total)	38	J	ug/L	25		50	370434	05/04/25	05/04/25	EJB
Total Trihalomethanes (THMs)	ND		ug/L	25		50	370434	05/04/25	05/04/25	EJB
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane-d4	96%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
Toluene-d8	101%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
Bromofluorobenzene	101%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB

Analysis Results for 532305

Sample ID:
CACA250503Z007LCM624.1

Lab ID: 532305-002
Matrix: Water

Collected: 05/03/25 10:00

532305-002 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	110	50	370434	05/04/25	05/04/25	EJB
Acrylonitrile	ND		ug/L	100	16	50	370434	05/04/25	05/04/25	EJB
Freon 12	ND		ug/L	50	8.8	50	370434	05/04/25	05/04/25	EJB
Chloromethane	ND		ug/L	50	14	50	370434	05/04/25	05/04/25	EJB
Vinyl Chloride	ND		ug/L	25	6.6	50	370434	05/04/25	05/04/25	EJB
Bromomethane	ND		ug/L	50	22	50	370434	05/04/25	05/04/25	EJB
Chloroethane	ND		ug/L	50	17	50	370434	05/04/25	05/04/25	EJB
2-Chloroethylvinylether	ND		ug/L	250	130	50	370430	05/04/25	05/04/25	EJB
Trichlorofluoromethane	ND		ug/L	50	3.8	50	370434	05/04/25	05/04/25	EJB
Acetone	4,200		ug/L	1,000	1,000	50	370434	05/04/25	05/04/25	EJB
Freon 113	ND		ug/L	100	6.4	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethene	ND		ug/L	25	4.2	50	370434	05/04/25	05/04/25	EJB
Methylene Chloride	ND		ug/L	500	120	50	370434	05/04/25	05/04/25	EJB
Carbon Disulfide	ND		ug/L	25	18	50	370434	05/04/25	05/04/25	EJB
MTBE	ND		ug/L	25	4.5	50	370434	05/04/25	05/04/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethane	ND		ug/L	25	4.5	50	370434	05/04/25	05/04/25	EJB
2-Butanone	5,000		ug/L	500	87	50	370434	05/04/25	05/04/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	25	7.9	50	370434	05/04/25	05/04/25	EJB
2,2-Dichloropropane	ND		ug/L	25	7.3	50	370434	05/04/25	05/04/25	EJB
Chloroform	ND		ug/L	25	5.3	50	370434	05/04/25	05/04/25	EJB
Bromochloromethane	ND		ug/L	25	7.6	50	370434	05/04/25	05/04/25	EJB
1,1,1-Trichloroethane	ND		ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
1,1-Dichloropropene	ND		ug/L	25	3.8	50	370434	05/04/25	05/04/25	EJB
Carbon Tetrachloride	ND		ug/L	25	5.2	50	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane	ND		ug/L	25	9.7	50	370434	05/04/25	05/04/25	EJB
Benzene	21	J	ug/L	25	5.9	50	370434	05/04/25	05/04/25	EJB
Trichloroethene	ND		ug/L	25	7.8	50	370434	05/04/25	05/04/25	EJB
1,2-Dichloropropane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Bromodichloromethane	ND		ug/L	25	4.2	50	370434	05/04/25	05/04/25	EJB
Dibromomethane	ND		ug/L	25	7.8	50	370434	05/04/25	05/04/25	EJB
4-Methyl-2-Pentanone	60	J	ug/L	500	51	50	370434	05/04/25	05/04/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	25	2.9	50	370434	05/04/25	05/04/25	EJB
Toluene	19	J	ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	25	5.1	50	370434	05/04/25	05/04/25	EJB
1,1,2-Trichloroethane	ND		ug/L	25	7.6	50	370434	05/04/25	05/04/25	EJB
2-Hexanone	ND		ug/L	500	35	50	370434	05/04/25	05/04/25	EJB
1,3-Dichloropropane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Tetrachloroethene	ND		ug/L	25	4.7	50	370434	05/04/25	05/04/25	EJB
Dibromochloromethane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
1,2-Dibromoethane	ND		ug/L	25	3.6	50	370434	05/04/25	05/04/25	EJB
Chlorobenzene	ND		ug/L	25	4.7	50	370434	05/04/25	05/04/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
Ethylbenzene	8.1	J	ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
m,p-Xylenes	11	J	ug/L	25	10	50	370434	05/04/25	05/04/25	EJB

Analysis Results for 532305

532305-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	6.5	J	ug/L	25	4.8	50	370434	05/04/25	05/04/25	EJB
Styrene	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
Bromoform	ND		ug/L	50	8.1	50	370434	05/04/25	05/04/25	EJB
Isopropylbenzene	ND		ug/L	25	6.0	50	370434	05/04/25	05/04/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	25	8.4	50	370434	05/04/25	05/04/25	EJB
1,2,3-Trichloropropane	ND		ug/L	25	8.2	50	370434	05/04/25	05/04/25	EJB
Propylbenzene	ND		ug/L	25	9.1	50	370434	05/04/25	05/04/25	EJB
Bromobenzene	ND		ug/L	25	5.6	50	370434	05/04/25	05/04/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	25	6.1	50	370434	05/04/25	05/04/25	EJB
2-Chlorotoluene	ND		ug/L	25	5.4	50	370434	05/04/25	05/04/25	EJB
4-Chlorotoluene	ND		ug/L	25	5.8	50	370434	05/04/25	05/04/25	EJB
tert-Butylbenzene	ND		ug/L	25	9.2	50	370434	05/04/25	05/04/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	25	8.2	50	370434	05/04/25	05/04/25	EJB
sec-Butylbenzene	ND		ug/L	25	12	50	370434	05/04/25	05/04/25	EJB
para-Isopropyl Toluene	16	J	ug/L	25	12	50	370434	05/04/25	05/04/25	EJB
1,3-Dichlorobenzene	ND		ug/L	25	6.7	50	370434	05/04/25	05/04/25	EJB
1,4-Dichlorobenzene	ND		ug/L	25	9.3	50	370434	05/04/25	05/04/25	EJB
n-Butylbenzene	ND		ug/L	25	20	50	370434	05/04/25	05/04/25	EJB
1,2-Dichlorobenzene	ND		ug/L	25	6.5	50	370434	05/04/25	05/04/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	13	50	370434	05/04/25	05/04/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	25	16	50	370434	05/04/25	05/04/25	EJB
Hexachlorobutadiene	ND		ug/L	100	20	50	370434	05/04/25	05/04/25	EJB
Naphthalene	17	J	ug/L	100	16	50	370434	05/04/25	05/04/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	25	17	50	370434	05/04/25	05/04/25	EJB
Isopropyl Ether (DIPE)	ND		ug/L	25	5.5	50	370434	05/04/25	05/04/25	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	5.7	50	370434	05/04/25	05/04/25	EJB
tert-Butyl Alcohol (TBA)	1,800		ug/L	500	380	50	370434	05/04/25	05/04/25	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	3.2	50	370434	05/04/25	05/04/25	EJB
Xylene (total)	18	J	ug/L	25		50	370434	05/04/25	05/04/25	EJB
Total Trihalomethanes (THMs)	ND		ug/L	25		50	370434	05/04/25	05/04/25	EJB
Surrogates				Limits						
Dibromofluoromethane	115%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
Toluene-d8	101%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB
Bromofluorobenzene	101%		%REC	70-130		50	370434	05/04/25	05/04/25	EJB

Analysis Results for 532305

Sample ID: CACA250503TB001
Lab ID: 532305-003
Collected: 05/03/25 10:00
Matrix: Water

532305-003 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	2.2	1	370434	05/04/25	05/04/25	EJB
Acrylonitrile	ND		ug/L	2.0	0.3	1	370434	05/04/25	05/04/25	EJB
Freon 12	ND		ug/L	1.0	0.2	1	370434	05/04/25	05/04/25	EJB
Chloromethane	ND		ug/L	1.0	0.3	1	370434	05/04/25	05/04/25	EJB
Vinyl Chloride	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Bromomethane	ND		ug/L	1.0	0.4	1	370434	05/04/25	05/04/25	EJB
Chloroethane	ND		ug/L	1.0	0.3	1	370434	05/04/25	05/04/25	EJB
2-Chloroethylvinylether	ND		ug/L	5.0	2.7	1	370430	05/04/25	05/04/25	EJB
Trichlorofluoromethane	ND		ug/L	1.0	0.08	1	370434	05/04/25	05/04/25	EJB
Acetone	ND		ug/L	21	21	1	370434	05/04/25	05/04/25	EJB
Freon 113	ND		ug/L	2.0	0.1	1	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.08	1	370434	05/04/25	05/04/25	EJB
Methylene Chloride	ND		ug/L	10	2.4	1	370434	05/04/25	05/04/25	EJB
Carbon Disulfide	ND		ug/L	0.5	0.4	1	370434	05/04/25	05/04/25	EJB
MTBE	ND		ug/L	0.5	0.09	1	370434	05/04/25	05/04/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	370434	05/04/25	05/04/25	EJB
2-Butanone	ND		ug/L	10	1.7	1	370434	05/04/25	05/04/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
2,2-Dichloropropane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Chloroform	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Bromochloromethane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,1-Dichloropropene	ND		ug/L	0.5	0.08	1	370434	05/04/25	05/04/25	EJB
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
Benzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Trichloroethene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Bromodichloromethane	ND		ug/L	0.5	0.08	1	370434	05/04/25	05/04/25	EJB
Dibromomethane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	1	370434	05/04/25	05/04/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	1	370434	05/04/25	05/04/25	EJB
Toluene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
2-Hexanone	ND		ug/L	10	0.7	1	370434	05/04/25	05/04/25	EJB
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Tetrachloroethene	ND		ug/L	0.5	0.09	1	370434	05/04/25	05/04/25	EJB
Dibromochloromethane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,2-Dibromoethane	ND		ug/L	0.5	0.07	1	370434	05/04/25	05/04/25	EJB
Chlorobenzene	ND		ug/L	0.5	0.09	1	370434	05/04/25	05/04/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Ethylbenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
m,p-Xylenes	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB

Analysis Results for 532305

532305-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Styrene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Bromoform	ND		ug/L	1.0	0.2	1	370434	05/04/25	05/04/25	EJB
Isopropylbenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
Propylbenzene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
Bromobenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
tert-Butylbenzene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
sec-Butylbenzene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	370434	05/04/25	05/04/25	EJB
n-Butylbenzene	ND		ug/L	0.5	0.4	1	370434	05/04/25	05/04/25	EJB
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	1	370434	05/04/25	05/04/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	1	370434	05/04/25	05/04/25	EJB
Hexachlorobutadiene	ND		ug/L	2.0	0.4	1	370434	05/04/25	05/04/25	EJB
Naphthalene	ND		ug/L	2.0	0.3	1	370434	05/04/25	05/04/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	1	370434	05/04/25	05/04/25	EJB
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	1	370434	05/04/25	05/04/25	EJB
tert-Butyl Alcohol (TBA)	ND		ug/L	10	7.6	1	370434	05/04/25	05/04/25	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	1	370434	05/04/25	05/04/25	EJB
Xylene (total)	ND		ug/L	0.5		1	370434	05/04/25	05/04/25	EJB
Total Trihalomethanes (THMs)	ND		ug/L	0.5		1	370434	05/04/25	05/04/25	EJB
Surrogates			Limits							
Dibromofluoromethane	111%		%REC	70-130		1	370434	05/04/25	05/04/25	EJB
1,2-Dichloroethane-d4	97%		%REC	70-130		1	370434	05/04/25	05/04/25	EJB
Toluene-d8	102%		%REC	70-130		1	370434	05/04/25	05/04/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	370434	05/04/25	05/04/25	EJB

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

Batch QC

Type: Blank	Lab ID: QC1254342	Batch: 370430
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254342 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	2.2	05/04/25	05/04/25
Acrylonitrile	ND		ug/L	2.0	0.7	05/04/25	05/04/25
Freon 12	ND		ug/L	1.0	0.3	05/04/25	05/04/25
Chloromethane	ND		ug/L	1.0	0.4	05/04/25	05/04/25
Vinyl Chloride	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Bromomethane	ND		ug/L	1.0	0.2	05/04/25	05/04/25
Chloroethane	ND		ug/L	1.0	0.3	05/04/25	05/04/25
2-Chloroethylvinylether	ND		ug/L	5.0	2.7	05/04/25	05/04/25
Trichlorofluoromethane	ND		ug/L	1.0	0.2	05/04/25	05/04/25
Acetone	ND		ug/L	44	44	05/04/25	05/04/25
Freon 113	ND		ug/L	2.0	0.1	05/04/25	05/04/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Methylene Chloride	ND		ug/L	10	3.5	05/04/25	05/04/25
Carbon Disulfide	ND		ug/L	0.7	0.7	05/04/25	05/04/25
MTBE	ND		ug/L	0.5	0.1	05/04/25	05/04/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1-Dichloroethane	ND		ug/L	0.5	0.08	05/04/25	05/04/25
2-Butanone	ND		ug/L	10	2.3	05/04/25	05/04/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Chloroform	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromochloromethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1-Dichloropropene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Carbon Tetrachloride	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Benzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Trichloroethene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromodichloromethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Dibromomethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
4-Methyl-2-Pentanone	ND		ug/L	10	0.9	05/04/25	05/04/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Toluene	ND		ug/L	0.5	0.3	05/04/25	05/04/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
2-Hexanone	ND		ug/L	10	0.8	05/04/25	05/04/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Tetrachloroethene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Dibromochloromethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dibromoethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Chlorobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Ethylbenzene	ND		ug/L	0.5	0.07	05/04/25	05/04/25
m,p-Xylenes	ND		ug/L	0.5	0.1	05/04/25	05/04/25
o-Xylene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
Styrene	ND		ug/L	0.5	0.2	05/04/25	05/04/25

Batch QC

QC1254342 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.2	05/04/25	05/04/25
Isopropylbenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Propylbenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
Bromobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
2-Chlorotoluene	ND		ug/L	0.5	0.08	05/04/25	05/04/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
tert-Butylbenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
sec-Butylbenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
para-Isopropyl Toluene	0.3	J	ug/L	0.5	0.1	05/04/25	05/04/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
n-Butylbenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	1.0	05/04/25	05/04/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Hexachlorobutadiene	ND		ug/L	2.0	0.09	05/04/25	05/04/25
Naphthalene	ND		ug/L	2.0	0.5	05/04/25	05/04/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	05/04/25	05/04/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	05/04/25	05/04/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	6.1	05/04/25	05/04/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Xylene (total)	ND		ug/L	0.5		05/04/25	05/04/25
Total Trihalomethanes (THMs)	ND		ug/L	0.5		05/04/25	05/04/25
Surrogates	Limits						
Dibromofluoromethane	104%		%REC	70-130		05/04/25	05/04/25
1,2-Dichloroethane-d4	103%		%REC	70-130		05/04/25	05/04/25
Toluene-d8	96%		%REC	70-130		05/04/25	05/04/25
Bromofluorobenzene	98%		%REC	70-130		05/04/25	05/04/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1254343	Batch: 370430
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254343 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	52.65	50.00	ug/L	105%		50-136
Freon 12	65.16	50.00	ug/L	130%		53-130
Chloromethane	65.91	50.00	ug/L	132%	b,*	65-130
Vinyl Chloride	59.17	50.00	ug/L	118%		70-130
Bromomethane	78.38	50.00	ug/L	157%	b,*	57-151
Chloroethane	54.16	50.00	ug/L	108%		65-129
Trichlorofluoromethane	52.23	50.00	ug/L	104%		70-130
Acetone	148.1	125.0	ug/L	118%		53-134
Freon 113	47.94	50.00	ug/L	96%		70-130
1,1-Dichloroethene	48.56	50.00	ug/L	97%		70-135
Methylene Chloride	48.36	50.00	ug/L	97%		70-130
Carbon Disulfide	47.71	50.00	ug/L	95%		70-130
MTBE	49.08	50.00	ug/L	98%		70-130
trans-1,2-Dichloroethene	47.52	50.00	ug/L	95%		70-130
1,1-Dichloroethane	48.84	50.00	ug/L	98%		70-130
2-Butanone	135.4	125.0	ug/L	108%		56-127
cis-1,2-Dichloroethene	50.41	50.00	ug/L	101%		70-130
2,2-Dichloropropane	49.46	50.00	ug/L	99%		70-130
Chloroform	53.50	50.00	ug/L	107%		70-130
Bromochloromethane	53.30	50.00	ug/L	107%		70-130
1,1,1-Trichloroethane	48.63	50.00	ug/L	97%		70-130
1,1-Dichloropropene	48.53	50.00	ug/L	97%		70-130
Carbon Tetrachloride	48.74	50.00	ug/L	97%		70-130
1,2-Dichloroethane	47.66	50.00	ug/L	95%		70-130
Benzene	50.86	50.00	ug/L	102%		70-130
Trichloroethene	44.93	50.00	ug/L	90%		70-130
1,2-Dichloropropane	49.20	50.00	ug/L	98%		70-130
Bromodichloromethane	48.49	50.00	ug/L	97%		70-130
Dibromomethane	45.37	50.00	ug/L	91%		70-130
4-Methyl-2-Pentanone	127.9	125.0	ug/L	102%		62-126
cis-1,3-Dichloropropene	48.38	50.00	ug/L	97%		70-130
Toluene	46.59	50.00	ug/L	93%		70-130
trans-1,3-Dichloropropene	52.07	50.00	ug/L	104%		70-130
1,1,2-Trichloroethane	48.02	50.00	ug/L	96%		70-130
2-Hexanone	122.4	125.0	ug/L	98%		53-127
1,3-Dichloropropane	49.76	50.00	ug/L	100%		70-130
Tetrachloroethene	43.96	50.00	ug/L	88%		70-130
Dibromochloromethane	47.54	50.00	ug/L	95%		70-130
1,2-Dibromoethane	49.65	50.00	ug/L	99%		70-130
Chlorobenzene	46.26	50.00	ug/L	93%		70-130
1,1,1,2-Tetrachloroethane	47.35	50.00	ug/L	95%		70-130
Ethylbenzene	48.60	50.00	ug/L	97%		70-130
m,p-Xylenes	104.4	100.0	ug/L	104%		70-130
o-Xylene	47.45	50.00	ug/L	95%		70-130
Styrene	48.07	50.00	ug/L	96%		70-130
Bromoform	46.45	50.00	ug/L	93%		70-130
Isopropylbenzene	50.14	50.00	ug/L	100%		70-130

Batch QC

QC1254343 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	52.86	50.00	ug/L	106%		70-130
1,2,3-Trichloropropane	47.24	50.00	ug/L	94%		70-137
Propylbenzene	51.56	50.00	ug/L	103%		70-130
Bromobenzene	47.55	50.00	ug/L	95%		70-130
1,3,5-Trimethylbenzene	52.36	50.00	ug/L	105%		70-130
2-Chlorotoluene	49.47	50.00	ug/L	99%		70-130
4-Chlorotoluene	53.45	50.00	ug/L	107%		70-130
tert-Butylbenzene	50.05	50.00	ug/L	100%		70-130
1,2,4-Trimethylbenzene	54.84	50.00	ug/L	110%		70-130
sec-Butylbenzene	52.36	50.00	ug/L	105%		70-130
para-Isopropyl Toluene	47.40	50.00	ug/L	95%		70-130
1,3-Dichlorobenzene	49.65	50.00	ug/L	99%		70-130
1,4-Dichlorobenzene	47.98	50.00	ug/L	96%		70-130
n-Butylbenzene	56.11	50.00	ug/L	112%		70-133
1,2-Dichlorobenzene	48.54	50.00	ug/L	97%		70-130
1,2-Dibromo-3-Chloropropane	51.80	50.00	ug/L	104%		70-130
1,2,4-Trichlorobenzene	49.60	50.00	ug/L	99%		70-130
Hexachlorobutadiene	44.79	50.00	ug/L	90%		70-147
Naphthalene	50.44	50.00	ug/L	101%		70-130
1,2,3-Trichlorobenzene	52.10	50.00	ug/L	104%		70-130
Isopropyl Ether (DIPE)	49.13	50.00	ug/L	98%		70-130
Ethyl tert-Butyl Ether (ETBE)	49.65	50.00	ug/L	99%		70-130
tert-Butyl Alcohol (TBA)	275.6	250.0	ug/L	110%		48-125
Methyl tert-Amyl Ether (TAME)	52.08	50.00	ug/L	104%		70-130
Surrogates						
Dibromofluoromethane	52.28	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	50.83	50.00	ug/L	102%		70-130
Toluene-d8	47.81	50.00	ug/L	96%		70-130
Bromofluorobenzene	47.75	50.00	ug/L	95%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1254344	Batch: 370430
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254344 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	56.80	50.00	ug/L	114%		50-136	8	30
Freon 12	62.34	50.00	ug/L	125%		53-130	4	30
Chloromethane	65.48	50.00	ug/L	131%	b,*	65-130	1	30
Vinyl Chloride	58.75	50.00	ug/L	118%		70-130	1	30
Bromomethane	79.60	50.00	ug/L	159%	b,*	57-151	2	30
Chloroethane	52.38	50.00	ug/L	105%		65-129	3	30
Trichlorofluoromethane	50.20	50.00	ug/L	100%		70-130	4	30
Acetone	150.5	125.0	ug/L	120%		53-134	2	36
Freon 113	46.50	50.00	ug/L	93%		70-130	3	30
1,1-Dichloroethene	47.57	50.00	ug/L	95%		70-135	2	30
Methylene Chloride	47.25	50.00	ug/L	95%		70-130	2	30
Carbon Disulfide	46.24	50.00	ug/L	92%		70-130	3	30
MTBE	50.04	50.00	ug/L	100%		70-130	2	30
trans-1,2-Dichloroethene	47.63	50.00	ug/L	95%		70-130	0	30
1,1-Dichloroethane	48.59	50.00	ug/L	97%		70-130	1	30
2-Butanone	139.8	125.0	ug/L	112%		56-127	3	30
cis-1,2-Dichloroethene	49.14	50.00	ug/L	98%		70-130	3	30
2,2-Dichloropropane	48.82	50.00	ug/L	98%		70-130	1	30
Chloroform	53.31	50.00	ug/L	107%		70-130	0	30
Bromochloromethane	53.93	50.00	ug/L	108%		70-130	1	30
1,1,1-Trichloroethane	48.27	50.00	ug/L	97%		70-130	1	30
1,1-Dichloropropene	49.62	50.00	ug/L	99%		70-130	2	30
Carbon Tetrachloride	49.07	50.00	ug/L	98%		70-130	1	30
1,2-Dichloroethane	48.13	50.00	ug/L	96%		70-130	1	30
Benzene	50.59	50.00	ug/L	101%		70-130	1	30
Trichloroethene	46.46	50.00	ug/L	93%		70-130	3	30
1,2-Dichloropropane	50.57	50.00	ug/L	101%		70-130	3	30
Bromodichloromethane	48.73	50.00	ug/L	97%		70-130	0	30
Dibromomethane	47.72	50.00	ug/L	95%		70-130	5	30
4-Methyl-2-Pentanone	135.4	125.0	ug/L	108%		62-126	6	30
cis-1,3-Dichloropropene	50.54	50.00	ug/L	101%		70-130	4	30
Toluene	48.04	50.00	ug/L	96%		70-130	3	30
trans-1,3-Dichloropropene	53.47	50.00	ug/L	107%		70-130	3	30
1,1,2-Trichloroethane	49.33	50.00	ug/L	99%		70-130	3	30
2-Hexanone	129.4	125.0	ug/L	103%		53-127	6	30
1,3-Dichloropropane	51.04	50.00	ug/L	102%		70-130	3	30
Tetrachloroethene	44.73	50.00	ug/L	89%		70-130	2	30
Dibromochloromethane	49.73	50.00	ug/L	99%		70-130	5	30
1,2-Dibromoethane	51.45	50.00	ug/L	103%		70-130	4	30
Chlorobenzene	46.70	50.00	ug/L	93%		70-130	1	30
1,1,1,2-Tetrachloroethane	47.84	50.00	ug/L	96%		70-130	1	30
Ethylbenzene	50.11	50.00	ug/L	100%		70-130	3	30
m,p-Xylenes	106.4	100.0	ug/L	106%		70-130	2	30
o-Xylene	49.22	50.00	ug/L	98%		70-130	4	30
Styrene	48.66	50.00	ug/L	97%		70-130	1	30
Bromoform	48.32	50.00	ug/L	97%		70-130	4	30

Batch QC

QC1254344 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	49.70	50.00	ug/L	99%		70-130	1	30
1,1,2,2-Tetrachloroethane	52.31	50.00	ug/L	105%		70-130	1	30
1,2,3-Trichloropropane	48.93	50.00	ug/L	98%		70-137	4	30
Propylbenzene	50.99	50.00	ug/L	102%		70-130	1	30
Bromobenzene	48.32	50.00	ug/L	97%		70-130	2	30
1,3,5-Trimethylbenzene	51.51	50.00	ug/L	103%		70-130	2	30
2-Chlorotoluene	49.55	50.00	ug/L	99%		70-130	0	30
4-Chlorotoluene	52.76	50.00	ug/L	106%		70-130	1	30
tert-Butylbenzene	48.68	50.00	ug/L	97%		70-130	3	30
1,2,4-Trimethylbenzene	53.28	50.00	ug/L	107%		70-130	3	30
sec-Butylbenzene	51.56	50.00	ug/L	103%		70-130	2	30
para-Isopropyl Toluene	47.14	50.00	ug/L	94%		70-130	1	30
1,3-Dichlorobenzene	48.96	50.00	ug/L	98%		70-130	1	30
1,4-Dichlorobenzene	47.33	50.00	ug/L	95%		70-130	1	30
n-Butylbenzene	54.87	50.00	ug/L	110%		70-133	2	30
1,2-Dichlorobenzene	48.30	50.00	ug/L	97%		70-130	0	30
1,2-Dibromo-3-Chloropropane	50.25	50.00	ug/L	101%		70-130	3	30
1,2,4-Trichlorobenzene	50.58	50.00	ug/L	101%		70-130	2	30
Hexachlorobutadiene	44.58	50.00	ug/L	89%		70-147	0	30
Naphthalene	53.21	50.00	ug/L	106%		70-130	5	30
1,2,3-Trichlorobenzene	52.93	50.00	ug/L	106%		70-130	2	30
Isopropyl Ether (DIPE)	49.65	50.00	ug/L	99%		70-130	1	30
Ethyl tert-Butyl Ether (ETBE)	51.67	50.00	ug/L	103%		70-130	4	30
tert-Butyl Alcohol (TBA)	301.4	250.0	ug/L	121%		48-125	9	30
Methyl tert-Amyl Ether (TAME)	53.63	50.00	ug/L	107%		70-130	3	30
Surrogates								
Dibromofluoromethane	50.75	50.00	ug/L	101%		70-130		
1,2-Dichloroethane-d4	52.75	50.00	ug/L	105%		70-130		
Toluene-d8	48.63	50.00	ug/L	97%		70-130		
Bromofluorobenzene	45.94	50.00	ug/L	92%		70-130		

Type: Lab Control Sample
Matrix: Water
Lab ID: QC1254347
Method: EPA 624.1
Batch: 370430
Prep Method: EPA 624.1

QC1254347 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	30.22	50.00	ug/L	60%	*	70-130
Acrylonitrile	42.21	50.00	ug/L	84%		50-136
2-Chloroethylvinylether	58.77	50.00	ug/L	118%		10-130
Surrogates						
Dibromofluoromethane	54.34	50.00	ug/L	109%		70-130
1,2-Dichloroethane-d4	52.93	50.00	ug/L	106%		70-130
Toluene-d8	49.83	50.00	ug/L	100%		70-130
Bromofluorobenzene	57.84	50.00	ug/L	116%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1254374	Batch: 370430
Matrix (Source ID): Water (532305-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254374 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	978.3	ND	1000	ug/L	98%		59-129	50
Freon 12	1,070	ND	1000	ug/L	107%		54-130	50
Chloromethane	1,291	ND	1000	ug/L	129%	b	65-130	50
Vinyl Chloride	1,139	ND	1000	ug/L	114%		70-130	50
Bromomethane	1,686	ND	1000	ug/L	169%	b,*	58-141	50
Chloroethane	1,173	ND	1000	ug/L	117%		52-141	50
Trichlorofluoromethane	1,107	ND	1000	ug/L	111%		70-130	50
Acetone	11,860	6411	2500	ug/L	218%	*	53-129	50
Freon 113	1,071	ND	1000	ug/L	107%		70-130	50
1,1-Dichloroethene	1,072	ND	1000	ug/L	107%		70-130	50
Methylene Chloride	1,100	ND	1000	ug/L	110%		67-130	50
Carbon Disulfide	1,039	ND	1000	ug/L	104%		70-130	50
MTBE	1,071	ND	1000	ug/L	107%		75-130	50
trans-1,2-Dichloroethene	1,037	ND	1000	ug/L	104%		70-130	50
1,1-Dichloroethane	1,034	ND	1000	ug/L	103%		70-130	50
2-Butanone	9,974	5215	2500	ug/L	190%	*	55-126	50
cis-1,2-Dichloroethene	1,098	ND	1000	ug/L	110%		80-130	50
2,2-Dichloropropane	1,032	ND	1000	ug/L	103%		77-130	50
Chloroform	1,136	ND	1000	ug/L	114%		70-130	50
Bromochloromethane	1,214	ND	1000	ug/L	121%		70-130	50
1,1,1-Trichloroethane	1,043	ND	1000	ug/L	104%		70-130	50
1,1-Dichloropropene	1,060	ND	1000	ug/L	106%		70-130	50
Carbon Tetrachloride	1,027	ND	1000	ug/L	103%		70-130	50
1,2-Dichloroethane	1,047	ND	1000	ug/L	105%		70-130	50
Benzene	1,135	21.81	1000	ug/L	111%		70-130	50
Trichloroethene	1,033	ND	1000	ug/L	103%		63-130	50
1,2-Dichloropropane	1,124	ND	1000	ug/L	112%		70-130	50
Bromodichloromethane	1,079	ND	1000	ug/L	108%		70-130	50
Dibromomethane	1,049	ND	1000	ug/L	105%		70-130	50
4-Methyl-2-Pentanone	3,053	71.81	2500	ug/L	119%		59-130	50
cis-1,3-Dichloropropene	1,039	ND	1000	ug/L	104%		70-130	50
Toluene	1,059	20.75	1000	ug/L	104%		70-130	50
trans-1,3-Dichloropropene	1,123	ND	1000	ug/L	112%		70-130	50
1,1,2-Trichloroethane	1,050	ND	1000	ug/L	105%		70-130	50
2-Hexanone	4,451	ND	2500	ug/L	178%	*	52-130	50
1,3-Dichloropropane	1,095	ND	1000	ug/L	110%		70-130	50
Tetrachloroethene	983.8	ND	1000	ug/L	98%		49-130	50
Dibromochloromethane	1,045	ND	1000	ug/L	105%		70-130	50
1,2-Dibromoethane	1,062	ND	1000	ug/L	106%		70-130	50
Chlorobenzene	1,009	ND	1000	ug/L	101%		70-130	50
1,1,1,2-Tetrachloroethane	1,057	ND	1000	ug/L	106%		70-130	50
Ethylbenzene	1,078	8.981	1000	ug/L	107%		70-130	50
m,p-Xylenes	2,261	12.52	2000	ug/L	112%		70-131	50
o-Xylene	1,053	7.107	1000	ug/L	105%		70-130	50
Styrene	1,017	ND	1000	ug/L	102%		67-130	50

Batch QC

QC1254374 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	963.4	ND	1000	ug/L	96%		70-130	50
Isopropylbenzene	1,091	ND	1000	ug/L	109%		70-130	50
1,1,2,2-Tetrachloroethane	1,168	ND	1000	ug/L	117%		70-141	50
1,2,3-Trichloropropane	1,008	ND	1000	ug/L	101%		70-138	50
Propylbenzene	1,119	ND	1000	ug/L	112%		70-134	50
Bromobenzene	1,078	ND	1000	ug/L	108%		70-130	50
1,3,5-Trimethylbenzene	1,124	ND	1000	ug/L	112%		70-130	50
2-Chlorotoluene	1,127	ND	1000	ug/L	113%		70-131	50
4-Chlorotoluene	1,189	ND	1000	ug/L	119%		70-133	50
tert-Butylbenzene	1,062	ND	1000	ug/L	106%		70-130	50
1,2,4-Trimethylbenzene	1,163	ND	1000	ug/L	116%		70-130	50
sec-Butylbenzene	1,150	ND	1000	ug/L	115%		70-132	50
para-Isopropyl Toluene	1,029	21.24	1000	ug/L	101%		70-130	50
1,3-Dichlorobenzene	1,100	ND	1000	ug/L	110%		70-130	50
1,4-Dichlorobenzene	1,061	9.058	1000	ug/L	105%		70-130	50
n-Butylbenzene	1,213	ND	1000	ug/L	121%		70-138	50
1,2-Dichlorobenzene	1,092	ND	1000	ug/L	109%		70-130	50
1,2-Dibromo-3-Chloropropane	1,085	ND	1000	ug/L	109%		70-130	50
1,2,4-Trichlorobenzene	1,085	ND	1000	ug/L	109%		70-133	50
Hexachlorobutadiene	1,077	ND	1000	ug/L	108%		70-148	50
Naphthalene	1,216	ND	1000	ug/L	122%		70-144	50
1,2,3-Trichlorobenzene	1,134	ND	1000	ug/L	113%		70-131	50
Isopropyl Ether (DIPE)	2,122	ND	2000	ug/L	106%		70-130	50
Ethyl tert-Butyl Ether (ETBE)	1,164	96.47	1000	ug/L	107%		70-130	50
tert-Butyl Alcohol (TBA)	7,717	2561	5000	ug/L	103%		51-122	50
Methyl tert-Amyl Ether (TAME)	1,138	ND	1000	ug/L	114%		70-130	50
Surrogates								
Dibromofluoromethane	2,513		2500	ug/L	101%		70-130	50
1,2-Dichloroethane-d4	2,455		2500	ug/L	98%		70-130	50
Toluene-d8	2,434		2500	ug/L	97%		70-130	50
Bromofluorobenzene	2,378		2500	ug/L	95%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1254375	Batch: 370430
Matrix (Source ID): Water (532305-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254375 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	928.5	ND	1000	ug/L	93%		59-129	5	25	50
Freon 12	997.3	ND	1000	ug/L	100%		54-130	7	30	50
Chloromethane	1,221	ND	1000	ug/L	122%	b	65-130	6	30	50
Vinyl Chloride	1,097	ND	1000	ug/L	110%		70-130	4	30	50
Bromomethane	1,623	ND	1000	ug/L	162%	b,*	58-141	4	26	50
Chloroethane	1,101	ND	1000	ug/L	110%		52-141	6	46	50
Trichlorofluoromethane	1,054	ND	1000	ug/L	105%		70-130	5	30	50
Acetone	12,040	6411	2500	ug/L	225%	*	53-129	2	28	50
Freon 113	1,003	ND	1000	ug/L	100%		70-130	7	30	50
1,1-Dichloroethene	982.8	ND	1000	ug/L	98%		70-130	9	30	50
Methylene Chloride	1,085	ND	1000	ug/L	108%		67-130	1	30	50
Carbon Disulfide	984.0	ND	1000	ug/L	98%		70-130	5	30	50
MTBE	1,052	ND	1000	ug/L	105%		75-130	2	30	50
trans-1,2-Dichloroethene	1,025	ND	1000	ug/L	102%		70-130	1	30	50
1,1-Dichloroethane	1,003	ND	1000	ug/L	100%		70-130	3	30	50
2-Butanone	10,320	5215	2500	ug/L	204%	*	55-126	3	26	50
cis-1,2-Dichloroethene	1,075	ND	1000	ug/L	107%		80-130	2	30	50
2,2-Dichloropropane	1,000	ND	1000	ug/L	100%		77-130	3	30	50
Chloroform	1,134	ND	1000	ug/L	113%		70-130	0	30	50
Bromochloromethane	1,142	ND	1000	ug/L	114%		70-130	6	30	50
1,1,1-Trichloroethane	1,018	ND	1000	ug/L	102%		70-130	2	30	50
1,1-Dichloropropene	1,052	ND	1000	ug/L	105%		70-130	1	30	50
Carbon Tetrachloride	1,002	ND	1000	ug/L	100%		70-130	2	30	50
1,2-Dichloroethane	1,052	ND	1000	ug/L	105%		70-130	0	30	50
Benzene	1,091	21.81	1000	ug/L	107%		70-130	4	30	50
Trichloroethene	1,003	ND	1000	ug/L	100%		63-130	3	30	50
1,2-Dichloropropane	1,069	ND	1000	ug/L	107%		70-130	5	30	50
Bromodichloromethane	1,022	ND	1000	ug/L	102%		70-130	5	30	50
Dibromomethane	1,045	ND	1000	ug/L	104%		70-130	0	30	50
4-Methyl-2-Pentanone	3,008	71.81	2500	ug/L	117%		59-130	1	24	50
cis-1,3-Dichloropropene	1,048	ND	1000	ug/L	105%		70-130	1	30	50
Toluene	993.6	20.75	1000	ug/L	97%		70-130	6	30	50
trans-1,3-Dichloropropene	1,084	ND	1000	ug/L	108%		70-130	4	30	50
1,1,2-Trichloroethane	1,048	ND	1000	ug/L	105%		70-130	0	30	50
2-Hexanone	4,505	ND	2500	ug/L	180%	*	52-130	1	27	50
1,3-Dichloropropane	1,048	ND	1000	ug/L	105%		70-130	4	30	50
Tetrachloroethene	957.6	ND	1000	ug/L	96%		49-130	3	30	50
Dibromochloromethane	1,004	ND	1000	ug/L	100%		70-130	4	30	50
1,2-Dibromoethane	1,077	ND	1000	ug/L	108%		70-130	1	30	50
Chlorobenzene	964.6	ND	1000	ug/L	96%		70-130	5	30	50
1,1,1,2-Tetrachloroethane	1,012	ND	1000	ug/L	101%		70-130	4	30	50
Ethylbenzene	1,025	8.981	1000	ug/L	102%		70-130	5	30	50
m,p-Xylenes	2,151	12.52	2000	ug/L	107%		70-131	5	30	50
o-Xylene	1,008	7.107	1000	ug/L	100%		70-130	4	30	50
Styrene	968.7	ND	1000	ug/L	97%		67-130	5	30	50

Batch QC

QC1254375 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	984.2	ND	1000	ug/L	98%		70-130	2	30	50
Isopropylbenzene	1,037	ND	1000	ug/L	104%		70-130	5	30	50
1,1,2,2-Tetrachloroethane	1,133	ND	1000	ug/L	113%		70-141	3	30	50
1,2,3-Trichloropropane	1,102	ND	1000	ug/L	110%		70-138	9	30	50
Propylbenzene	1,053	ND	1000	ug/L	105%		70-134	6	30	50
Bromobenzene	1,035	ND	1000	ug/L	104%		70-130	4	30	50
1,3,5-Trimethylbenzene	1,059	ND	1000	ug/L	106%		70-130	6	30	50
2-Chlorotoluene	1,056	ND	1000	ug/L	106%		70-131	7	30	50
4-Chlorotoluene	1,108	ND	1000	ug/L	111%		70-133	7	30	50
tert-Butylbenzene	991.3	ND	1000	ug/L	99%		70-130	7	30	50
1,2,4-Trimethylbenzene	1,078	ND	1000	ug/L	108%		70-130	8	30	50
sec-Butylbenzene	1,067	ND	1000	ug/L	107%		70-132	8	30	50
para-Isopropyl Toluene	980.6	21.24	1000	ug/L	96%		70-130	5	30	50
1,3-Dichlorobenzene	1,037	ND	1000	ug/L	104%		70-130	6	30	50
1,4-Dichlorobenzene	991.4	9.058	1000	ug/L	98%		70-130	7	30	50
n-Butylbenzene	1,118	ND	1000	ug/L	112%		70-138	8	30	50
1,2-Dichlorobenzene	1,013	ND	1000	ug/L	101%		70-130	7	30	50
1,2-Dibromo-3-Chloropropane	998.6	ND	1000	ug/L	100%		70-130	8	30	50
1,2,4-Trichlorobenzene	1,010	ND	1000	ug/L	101%		70-133	7	30	50
Hexachlorobutadiene	994.5	ND	1000	ug/L	99%		70-148	8	30	50
Naphthalene	1,173	ND	1000	ug/L	117%		70-144	4	30	50
1,2,3-Trichlorobenzene	1,033	ND	1000	ug/L	103%		70-131	9	30	50
Isopropyl Ether (DIPE)	2,059	ND	2000	ug/L	103%		70-130	3	30	50
Ethyl tert-Butyl Ether (ETBE)	1,149	96.47	1000	ug/L	105%		70-130	1	30	50
tert-Butyl Alcohol (TBA)	8,421	2561	5000	ug/L	117%		51-122	9	33	50
Methyl tert-Amyl Ether (TAME)	1,105	ND	1000	ug/L	110%		70-130	3	30	50
Surrogates										
Dibromofluoromethane	2,506		2500	ug/L	100%		70-130			50
1,2-Dichloroethane-d4	2,640		2500	ug/L	106%		70-130			50
Toluene-d8	2,399		2500	ug/L	96%		70-130			50
Bromofluorobenzene	2,352		2500	ug/L	94%		70-130			50

Batch QC

Type: Blank	Lab ID: QC1254360	Batch: 370434
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254360 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	2.2	05/04/25	05/04/25
Acrylonitrile	ND		ug/L	2.0	0.3	05/04/25	05/04/25
Freon 12	ND		ug/L	1.0	0.2	05/04/25	05/04/25
Chloromethane	ND		ug/L	1.0	0.3	05/04/25	05/04/25
Vinyl Chloride	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromomethane	ND		ug/L	1.0	0.4	05/04/25	05/04/25
Chloroethane	ND		ug/L	1.0	0.3	05/04/25	05/04/25
Trichlorofluoromethane	ND		ug/L	1.0	0.08	05/04/25	05/04/25
Acetone	ND		ug/L	21	21	05/04/25	05/04/25
Freon 113	ND		ug/L	2.0	0.1	05/04/25	05/04/25
1,1-Dichloroethene	ND		ug/L	0.5	0.08	05/04/25	05/04/25
Methylene Chloride	ND		ug/L	10	2.4	05/04/25	05/04/25
Carbon Disulfide	ND		ug/L	0.5	0.4	05/04/25	05/04/25
MTBE	ND		ug/L	0.5	0.09	05/04/25	05/04/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	05/04/25	05/04/25
2-Butanone	ND		ug/L	10	1.7	05/04/25	05/04/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
2,2-Dichloropropane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Chloroform	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromochloromethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1-Dichloropropene	ND		ug/L	0.5	0.08	05/04/25	05/04/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Benzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Trichloroethene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromodichloromethane	ND		ug/L	0.5	0.08	05/04/25	05/04/25
Dibromomethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	05/04/25	05/04/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	05/04/25	05/04/25
Toluene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
2-Hexanone	ND		ug/L	10	0.7	05/04/25	05/04/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Tetrachloroethene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
Dibromochloromethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dibromoethane	ND		ug/L	0.5	0.07	05/04/25	05/04/25
Chlorobenzene	ND		ug/L	0.5	0.09	05/04/25	05/04/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Ethylbenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
m,p-Xylenes	ND		ug/L	0.5	0.2	05/04/25	05/04/25
o-Xylene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Styrene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Bromoform	ND		ug/L	1.0	0.2	05/04/25	05/04/25

Batch QC

QC1254360 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Isopropylbenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Propylbenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
Bromobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
tert-Butylbenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,2,4-Trimethylbenzene	0.2	J	ug/L	0.5	0.2	05/04/25	05/04/25
sec-Butylbenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	05/04/25	05/04/25
n-Butylbenzene	ND		ug/L	0.5	0.4	05/04/25	05/04/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	05/04/25	05/04/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	05/04/25	05/04/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	05/04/25	05/04/25
Hexachlorobutadiene	ND		ug/L	2.0	0.4	05/04/25	05/04/25
Naphthalene	ND		ug/L	2.0	0.3	05/04/25	05/04/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	05/04/25	05/04/25
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	05/04/25	05/04/25
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	05/04/25	05/04/25
tert-Butyl Alcohol (TBA)	ND		ug/L	10	7.6	05/04/25	05/04/25
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	05/04/25	05/04/25
Xylene (total)	ND		ug/L	0.5		05/04/25	05/04/25
Total Trihalomethanes (THMs)	ND		ug/L	0.5		05/04/25	05/04/25
Surrogates				Limits			
Dibromofluoromethane	112%		%REC	70-130		05/04/25	05/04/25
1,2-Dichloroethane-d4	98%		%REC	70-130		05/04/25	05/04/25
Toluene-d8	102%		%REC	70-130		05/04/25	05/04/25
Bromofluorobenzene	101%		%REC	70-130		05/04/25	05/04/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1254361	Batch: 370434
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254361 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	45.02	50.00	ug/L	90%		50-136
Freon 12	58.74	50.00	ug/L	117%		53-130
Chloromethane	59.01	50.00	ug/L	118%		65-130
Vinyl Chloride	59.67	50.00	ug/L	119%		70-130
Bromomethane	55.32	50.00	ug/L	111%		57-151
Chloroethane	64.24	50.00	ug/L	128%	b	65-129
Trichlorofluoromethane	54.91	50.00	ug/L	110%		70-130
Acetone	108.6	125.0	ug/L	87%		53-134
Freon 113	46.50	50.00	ug/L	93%		70-130
1,1-Dichloroethene	45.90	50.00	ug/L	92%		70-135
Methylene Chloride	44.48	50.00	ug/L	89%		70-130
Carbon Disulfide	46.37	50.00	ug/L	93%		70-130
MTBE	46.06	50.00	ug/L	92%		70-130
trans-1,2-Dichloroethene	44.13	50.00	ug/L	88%		70-130
1,1-Dichloroethane	43.56	50.00	ug/L	87%		70-130
2-Butanone	120.3	125.0	ug/L	96%		56-127
cis-1,2-Dichloroethene	43.46	50.00	ug/L	87%		70-130
2,2-Dichloropropane	48.22	50.00	ug/L	96%		70-130
Chloroform	45.88	50.00	ug/L	92%		70-130
Bromochloromethane	46.96	50.00	ug/L	94%		70-130
1,1,1-Trichloroethane	46.95	50.00	ug/L	94%		70-130
1,1-Dichloropropene	46.31	50.00	ug/L	93%		70-130
Carbon Tetrachloride	50.83	50.00	ug/L	102%		70-130
1,2-Dichloroethane	43.82	50.00	ug/L	88%		70-130
Benzene	44.94	50.00	ug/L	90%		70-130
Trichloroethene	45.30	50.00	ug/L	91%		70-130
1,2-Dichloropropane	45.52	50.00	ug/L	91%		70-130
Bromodichloromethane	47.06	50.00	ug/L	94%		70-130
Dibromomethane	47.31	50.00	ug/L	95%		70-130
4-Methyl-2-Pentanone	122.6	125.0	ug/L	98%		62-126
cis-1,3-Dichloropropene	48.46	50.00	ug/L	97%		70-130
Toluene	44.31	50.00	ug/L	89%		70-130
trans-1,3-Dichloropropene	50.18	50.00	ug/L	100%		70-130
1,1,2-Trichloroethane	46.89	50.00	ug/L	94%		70-130
2-Hexanone	124.6	125.0	ug/L	100%		53-127
1,3-Dichloropropane	45.75	50.00	ug/L	92%		70-130
Tetrachloroethene	45.08	50.00	ug/L	90%		70-130
Dibromochloromethane	48.83	50.00	ug/L	98%		70-130
1,2-Dibromoethane	47.73	50.00	ug/L	95%		70-130
Chlorobenzene	43.72	50.00	ug/L	87%		70-130
1,1,1,2-Tetrachloroethane	46.55	50.00	ug/L	93%		70-130
Ethylbenzene	45.59	50.00	ug/L	91%		70-130
m,p-Xylenes	90.32	100.0	ug/L	90%		70-130
o-Xylene	47.34	50.00	ug/L	95%		70-130
Styrene	48.59	50.00	ug/L	97%		70-130
Bromoform	50.17	50.00	ug/L	100%		70-130
Isopropylbenzene	47.88	50.00	ug/L	96%		70-130

Batch QC

QC1254361 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	46.09	50.00	ug/L	92%		70-130
1,2,3-Trichloropropane	47.72	50.00	ug/L	95%		70-137
Propylbenzene	45.34	50.00	ug/L	91%		70-130
Bromobenzene	44.38	50.00	ug/L	89%		70-130
1,3,5-Trimethylbenzene	48.21	50.00	ug/L	96%		70-130
2-Chlorotoluene	45.25	50.00	ug/L	91%		70-130
4-Chlorotoluene	44.23	50.00	ug/L	88%		70-130
tert-Butylbenzene	47.93	50.00	ug/L	96%		70-130
1,2,4-Trimethylbenzene	48.34	50.00	ug/L	97%		70-130
sec-Butylbenzene	47.25	50.00	ug/L	94%		70-130
para-Isopropyl Toluene	48.51	50.00	ug/L	97%		70-130
1,3-Dichlorobenzene	45.74	50.00	ug/L	91%		70-130
1,4-Dichlorobenzene	44.37	50.00	ug/L	89%		70-130
n-Butylbenzene	49.14	50.00	ug/L	98%		70-133
1,2-Dichlorobenzene	45.81	50.00	ug/L	92%		70-130
1,2-Dibromo-3-Chloropropane	50.15	50.00	ug/L	100%		70-130
1,2,4-Trichlorobenzene	49.53	50.00	ug/L	99%		70-130
Hexachlorobutadiene	53.05	50.00	ug/L	106%	b	70-147
Naphthalene	51.29	50.00	ug/L	103%		70-130
1,2,3-Trichlorobenzene	50.08	50.00	ug/L	100%		70-130
Isopropyl Ether (DIPE)	41.01	50.00	ug/L	82%		70-130
Ethyl tert-Butyl Ether (ETBE)	44.44	50.00	ug/L	89%		70-130
tert-Butyl Alcohol (TBA)	213.6	250.0	ug/L	85%		48-125
Methyl tert-Amyl Ether (TAME)	46.69	50.00	ug/L	93%		70-130
Surrogates						
Dibromofluoromethane	51.61	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	48.67	50.00	ug/L	97%		70-130
Toluene-d8	50.43	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.04	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1254362	Batch: 370434
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254362 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	43.07	50.00	ug/L	86%		50-136	4	30
Freon 12	65.50	50.00	ug/L	131%	*	53-130	11	30
Chloromethane	60.47	50.00	ug/L	121%		65-130	2	30
Vinyl Chloride	68.68	50.00	ug/L	137%	*	70-130	14	30
Bromomethane	63.07	50.00	ug/L	126%		57-151	13	30
Chloroethane	74.14	50.00	ug/L	148%	b,*	65-129	14	30
Trichlorofluoromethane	62.13	50.00	ug/L	124%		70-130	12	30
Acetone	102.5	125.0	ug/L	82%		53-134	6	36
Freon 113	55.56	50.00	ug/L	111%		70-130	18	30
1,1-Dichloroethene	53.72	50.00	ug/L	107%		70-135	16	30
Methylene Chloride	48.68	50.00	ug/L	97%		70-130	9	30
Carbon Disulfide	54.39	50.00	ug/L	109%		70-130	16	30
MTBE	47.10	50.00	ug/L	94%		70-130	2	30
trans-1,2-Dichloroethene	50.92	50.00	ug/L	102%		70-130	14	30
1,1-Dichloroethane	49.35	50.00	ug/L	99%		70-130	12	30
2-Butanone	116.9	125.0	ug/L	94%		56-127	3	30
cis-1,2-Dichloroethene	48.50	50.00	ug/L	97%		70-130	11	30
2,2-Dichloropropane	58.26	50.00	ug/L	117%		70-130	19	30
Chloroform	51.40	50.00	ug/L	103%		70-130	11	30
Bromochloromethane	49.72	50.00	ug/L	99%		70-130	6	30
1,1,1-Trichloroethane	58.51	50.00	ug/L	117%		70-130	22	30
1,1-Dichloropropene	56.90	50.00	ug/L	114%		70-130	21	30
Carbon Tetrachloride	63.18	50.00	ug/L	126%		70-130	22	30
1,2-Dichloroethane	45.59	50.00	ug/L	91%		70-130	4	30
Benzene	51.22	50.00	ug/L	102%		70-130	13	30
Trichloroethene	52.36	50.00	ug/L	105%		70-130	14	30
1,2-Dichloropropane	50.23	50.00	ug/L	100%		70-130	10	30
Bromodichloromethane	50.58	50.00	ug/L	101%		70-130	7	30
Dibromomethane	48.80	50.00	ug/L	98%		70-130	3	30
4-Methyl-2-Pentanone	112.9	125.0	ug/L	90%		62-126	8	30
cis-1,3-Dichloropropene	52.73	50.00	ug/L	105%		70-130	8	30
Toluene	50.79	50.00	ug/L	102%		70-130	14	30
trans-1,3-Dichloropropene	52.36	50.00	ug/L	105%		70-130	4	30
1,1,2-Trichloroethane	47.76	50.00	ug/L	96%		70-130	2	30
2-Hexanone	112.2	125.0	ug/L	90%		53-127	11	30
1,3-Dichloropropane	46.72	50.00	ug/L	93%		70-130	2	30
Tetrachloroethene	52.91	50.00	ug/L	106%		70-130	16	30
Dibromochloromethane	50.43	50.00	ug/L	101%		70-130	3	30
1,2-Dibromoethane	47.83	50.00	ug/L	96%		70-130	0	30
Chlorobenzene	48.98	50.00	ug/L	98%		70-130	11	30
1,1,1,2-Tetrachloroethane	51.46	50.00	ug/L	103%		70-130	10	30
Ethylbenzene	52.81	50.00	ug/L	106%		70-130	15	30
m,p-Xylenes	105.2	100.0	ug/L	105%		70-130	15	30
o-Xylene	53.85	50.00	ug/L	108%		70-130	13	30
Styrene	54.52	50.00	ug/L	109%		70-130	12	30
Bromoform	48.94	50.00	ug/L	98%		70-130	2	30

Batch QC

QC1254362 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	56.48	50.00	ug/L	113%		70-130	16	30
1,1,2,2-Tetrachloroethane	44.39	50.00	ug/L	89%		70-130	4	30
1,2,3-Trichloropropane	46.27	50.00	ug/L	93%		70-137	3	30
Propylbenzene	53.60	50.00	ug/L	107%		70-130	17	30
Bromobenzene	48.70	50.00	ug/L	97%		70-130	9	30
1,3,5-Trimethylbenzene	56.10	50.00	ug/L	112%		70-130	15	30
2-Chlorotoluene	51.74	50.00	ug/L	103%		70-130	13	30
4-Chlorotoluene	50.63	50.00	ug/L	101%		70-130	14	30
tert-Butylbenzene	56.70	50.00	ug/L	113%		70-130	17	30
1,2,4-Trimethylbenzene	55.90	50.00	ug/L	112%		70-130	15	30
sec-Butylbenzene	56.62	50.00	ug/L	113%		70-130	18	30
para-Isopropyl Toluene	58.04	50.00	ug/L	116%		70-130	18	30
1,3-Dichlorobenzene	51.50	50.00	ug/L	103%		70-130	12	30
1,4-Dichlorobenzene	49.35	50.00	ug/L	99%		70-130	11	30
n-Butylbenzene	59.16	50.00	ug/L	118%		70-133	19	30
1,2-Dichlorobenzene	49.80	50.00	ug/L	100%		70-130	8	30
1,2-Dibromo-3-Chloropropane	45.99	50.00	ug/L	92%		70-130	9	30
1,2,4-Trichlorobenzene	55.00	50.00	ug/L	110%		70-130	10	30
Hexachlorobutadiene	63.39	50.00	ug/L	127%	b	70-147	18	30
Naphthalene	49.89	50.00	ug/L	100%		70-130	3	30
1,2,3-Trichlorobenzene	53.14	50.00	ug/L	106%		70-130	6	30
Isopropyl Ether (DIPE)	44.28	50.00	ug/L	89%		70-130	8	30
Ethyl tert-Butyl Ether (ETBE)	48.16	50.00	ug/L	96%		70-130	8	30
tert-Butyl Alcohol (TBA)	185.7	250.0	ug/L	74%		48-125	14	30
Methyl tert-Amyl Ether (TAME)	49.49	50.00	ug/L	99%		70-130	6	30
Surrogates								
Dibromofluoromethane	55.84	50.00	ug/L	112%		70-130		
1,2-Dichloroethane-d4	48.59	50.00	ug/L	97%		70-130		
Toluene-d8	50.42	50.00	ug/L	101%		70-130		
Bromofluorobenzene	49.86	50.00	ug/L	100%		70-130		

Type: Lab Control Sample
Matrix: Water
Lab ID: QC1254365
Method: EPA 624.1
Batch: 370434
Prep Method: EPA 624.1

QC1254365 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	42.84	50.00	ug/L	86%		70-130
Acrylonitrile	41.07	50.00	ug/L	82%		50-136
Surrogates						
Dibromofluoromethane	50.52	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	48.47	50.00	ug/L	97%		70-130
Toluene-d8	50.75	50.00	ug/L	101%		70-130
Bromofluorobenzene	52.20	50.00	ug/L	104%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1254388	Batch: 370434
Matrix (Source ID): Water (532303-004)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254388 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	803.4	ND	1000	ug/L	80%		59-129	50
Freon 12	760.6	ND	1000	ug/L	76%		54-130	50
Chloromethane	958.8	ND	1000	ug/L	96%		65-130	50
Vinyl Chloride	1,025	ND	1000	ug/L	102%		70-130	50
Bromomethane	1,055	ND	1000	ug/L	106%		58-141	50
Chloroethane	1,155	ND	1000	ug/L	115%	b	52-141	50
Trichlorofluoromethane	1,006	ND	1000	ug/L	101%		70-130	50
Acetone	16,330	11780	2500	ug/L	182%	NM	53-129	50
Freon 113	1,095	ND	1000	ug/L	109%		70-130	50
1,1-Dichloroethene	1,016	ND	1000	ug/L	102%		70-130	50
Methylene Chloride	1,001	ND	1000	ug/L	100%		67-130	50
Carbon Disulfide	1,038	ND	1000	ug/L	104%		70-130	50
MTBE	933.9	ND	1000	ug/L	93%		75-130	50
trans-1,2-Dichloroethene	990.4	ND	1000	ug/L	99%		70-130	50
1,1-Dichloroethane	945.2	ND	1000	ug/L	95%		70-130	50
2-Butanone	16,300	10770	2500	ug/L	222%	NM	55-126	50
cis-1,2-Dichloroethene	974.0	ND	1000	ug/L	97%		80-130	50
2,2-Dichloropropane	1,123	ND	1000	ug/L	112%		77-130	50
Chloroform	1,139	ND	1000	ug/L	114%		70-130	50
Bromochloromethane	1,113	ND	1000	ug/L	111%		70-130	50
1,1,1-Trichloroethane	1,180	ND	1000	ug/L	118%		70-130	50
1,1-Dichloropropene	1,204	ND	1000	ug/L	120%		70-130	50
Carbon Tetrachloride	1,280	ND	1000	ug/L	128%		70-130	50
1,2-Dichloroethane	938.7	ND	1000	ug/L	94%		70-130	50
Benzene	1,006	19.85	1000	ug/L	99%		70-130	50
Trichloroethene	1,036	ND	1000	ug/L	104%		63-130	50
1,2-Dichloropropane	1,009	ND	1000	ug/L	101%		70-130	50
Bromodichloromethane	996.6	ND	1000	ug/L	100%		70-130	50
Dibromomethane	982.0	ND	1000	ug/L	98%		70-130	50
4-Methyl-2-Pentanone	2,486	ND	2500	ug/L	99%		59-130	50
cis-1,3-Dichloropropene	1,004	ND	1000	ug/L	100%		70-130	50
Toluene	1,000	15.71	1000	ug/L	98%		70-130	50
trans-1,3-Dichloropropene	1,037	ND	1000	ug/L	104%		70-130	50
1,1,2-Trichloroethane	964.4	ND	1000	ug/L	96%		70-130	50
2-Hexanone	3,434	ND	2500	ug/L	137%	*	52-130	50
1,3-Dichloropropane	967.9	ND	1000	ug/L	97%		70-130	50
Tetrachloroethene	1,039	ND	1000	ug/L	104%		49-130	50
Dibromochloromethane	982.4	ND	1000	ug/L	98%		70-130	50
1,2-Dibromoethane	960.2	ND	1000	ug/L	96%		70-130	50
Chlorobenzene	958.9	ND	1000	ug/L	96%		70-130	50
1,1,1,2-Tetrachloroethane	1,022	ND	1000	ug/L	102%		70-130	50
Ethylbenzene	1,040	5.850	1000	ug/L	103%		70-130	50
m,p-Xylenes	2,058	ND	2000	ug/L	103%		70-131	50
o-Xylene	1,067	5.464	1000	ug/L	106%		70-130	50
Styrene	1,052	ND	1000	ug/L	105%		67-130	50

Batch QC

QC1254388 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	940.6	ND	1000	ug/L	94%		70-130	50
Isopropylbenzene	1,113	ND	1000	ug/L	111%		70-130	50
1,1,2,2-Tetrachloroethane	917.4	ND	1000	ug/L	92%		70-141	50
1,2,3-Trichloropropane	963.9	ND	1000	ug/L	96%		70-138	50
Propylbenzene	1,057	ND	1000	ug/L	106%		70-134	50
Bromobenzene	1,001	ND	1000	ug/L	100%		70-130	50
1,3,5-Trimethylbenzene	1,118	ND	1000	ug/L	112%		70-130	50
2-Chlorotoluene	1,048	ND	1000	ug/L	105%		70-131	50
4-Chlorotoluene	997.8	ND	1000	ug/L	100%		70-133	50
tert-Butylbenzene	1,114	ND	1000	ug/L	111%		70-130	50
1,2,4-Trimethylbenzene	1,095	ND	1000	ug/L	109%		70-130	50
sec-Butylbenzene	1,118	ND	1000	ug/L	112%		70-132	50
para-Isopropyl Toluene	1,128	ND	1000	ug/L	113%		70-130	50
1,3-Dichlorobenzene	1,025	ND	1000	ug/L	103%		70-130	50
1,4-Dichlorobenzene	969.2	ND	1000	ug/L	97%		70-130	50
n-Butylbenzene	1,159	ND	1000	ug/L	116%		70-138	50
1,2-Dichlorobenzene	1,012	ND	1000	ug/L	101%		70-130	50
1,2-Dibromo-3-Chloropropane	911.8	ND	1000	ug/L	91%		70-130	50
1,2,4-Trichlorobenzene	1,068	ND	1000	ug/L	107%		70-133	50
Hexachlorobutadiene	1,313	ND	1000	ug/L	131%	b	70-148	50
Naphthalene	1,049	ND	1000	ug/L	105%		70-144	50
1,2,3-Trichlorobenzene	1,048	ND	1000	ug/L	105%		70-131	50
Isopropyl Ether (DIPE)	1,728	ND	2000	ug/L	86%		70-130	50
Ethyl tert-Butyl Ether (ETBE)	936.3	ND	1000	ug/L	94%		70-130	50
tert-Butyl Alcohol (TBA)	4,758	1238	5000	ug/L	70%		51-122	50
Methyl tert-Amyl Ether (TAME)	1,001	ND	1000	ug/L	100%		70-130	50
Surrogates								
Dibromofluoromethane	2,946		2500	ug/L	118%		70-130	50
1,2-Dichloroethane-d4	2,455		2500	ug/L	98%		70-130	50
Toluene-d8	2,503		2500	ug/L	100%		70-130	50
Bromofluorobenzene	2,505		2500	ug/L	100%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1254389	Batch: 370434
Matrix (Source ID): Water (532303-004)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1254389 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	606.8	ND	1000	ug/L	61%		59-129	28*	25	50
Freon 12	576.3	ND	1000	ug/L	58%		54-130	28	30	50
Chloromethane	644.0	ND	1000	ug/L	64%	*	65-130	39*	30	50
Vinyl Chloride	772.6	ND	1000	ug/L	77%		70-130	28	30	50
Bromomethane	722.5	ND	1000	ug/L	72%		58-141	37*	26	50
Chloroethane	817.4	ND	1000	ug/L	82%	b	52-141	34	46	50
Trichlorofluoromethane	751.9	ND	1000	ug/L	75%		70-130	29	30	50
Acetone	12,050	11780	2500	ug/L	11%	NM	53-129	30*	28	50
Freon 113	774.9	ND	1000	ug/L	77%		70-130	34*	30	50
1,1-Dichloroethene	720.1	ND	1000	ug/L	72%		70-130	34*	30	50
Methylene Chloride	727.0	ND	1000	ug/L	73%		67-130	32*	30	50
Carbon Disulfide	756.0	ND	1000	ug/L	76%		70-130	31*	30	50
MTBE	692.9	ND	1000	ug/L	69%	*	75-130	30	30	50
trans-1,2-Dichloroethene	713.3	ND	1000	ug/L	71%		70-130	33*	30	50
1,1-Dichloroethane	682.0	ND	1000	ug/L	68%	*	70-130	32*	30	50
2-Butanone	12,920	10770	2500	ug/L	86%	NM	55-126	23	26	50
cis-1,2-Dichloroethene	703.1	ND	1000	ug/L	70%	*	80-130	32*	30	50
2,2-Dichloropropane	758.4	ND	1000	ug/L	76%	*	77-130	39*	30	50
Chloroform	727.8	ND	1000	ug/L	73%		70-130	44*	30	50
Bromochloromethane	742.8	ND	1000	ug/L	74%		70-130	40*	30	50
1,1,1-Trichloroethane	815.6	ND	1000	ug/L	82%		70-130	37*	30	50
1,1-Dichloropropene	979.8	ND	1000	ug/L	98%		70-130	21	30	50
Carbon Tetrachloride	823.0	ND	1000	ug/L	82%		70-130	43*	30	50
1,2-Dichloroethane	883.3	ND	1000	ug/L	88%		70-130	6	30	50
Benzene	1,033	19.85	1000	ug/L	101%		70-130	3	30	50
Trichloroethene	1,402	ND	1000	ug/L	140%	*	63-130	30	30	50
1,2-Dichloropropane	1,007	ND	1000	ug/L	101%		70-130	0	30	50
Bromodichloromethane	994.4	ND	1000	ug/L	99%		70-130	0	30	50
Dibromomethane	983.3	ND	1000	ug/L	98%		70-130	0	30	50
4-Methyl-2-Pentanone	2,548	ND	2500	ug/L	102%		59-130	2	24	50
cis-1,3-Dichloropropene	1,009	ND	1000	ug/L	101%		70-130	0	30	50
Toluene	991.0	15.71	1000	ug/L	98%		70-130	1	30	50
trans-1,3-Dichloropropene	1,034	ND	1000	ug/L	103%		70-130	0	30	50
1,1,2-Trichloroethane	975.0	ND	1000	ug/L	98%		70-130	1	30	50
2-Hexanone	3,509	ND	2500	ug/L	140%	*	52-130	2	27	50
1,3-Dichloropropane	982.9	ND	1000	ug/L	98%		70-130	2	30	50
Tetrachloroethene	993.6	ND	1000	ug/L	99%		49-130	4	30	50
Dibromochloromethane	984.8	ND	1000	ug/L	98%		70-130	0	30	50
1,2-Dibromoethane	952.0	ND	1000	ug/L	95%		70-130	1	30	50
Chlorobenzene	937.9	ND	1000	ug/L	94%		70-130	2	30	50
1,1,1,2-Tetrachloroethane	1,024	ND	1000	ug/L	102%		70-130	0	30	50
Ethylbenzene	1,019	5.850	1000	ug/L	101%		70-130	2	30	50
m,p-Xylenes	2,016	ND	2000	ug/L	101%		70-131	2	30	50
o-Xylene	1,061	5.464	1000	ug/L	106%		70-130	1	30	50
Styrene	1,048	ND	1000	ug/L	105%		67-130	0	30	50

Batch QC

QC1254389 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	956.3	ND	1000	ug/L	96%		70-130	2	30	50
Isopropylbenzene	1,087	ND	1000	ug/L	109%		70-130	2	30	50
1,1,2,2-Tetrachloroethane	930.0	ND	1000	ug/L	93%		70-141	1	30	50
1,2,3-Trichloropropane	983.6	ND	1000	ug/L	98%		70-138	2	30	50
Propylbenzene	1,032	ND	1000	ug/L	103%		70-134	2	30	50
Bromobenzene	997.7	ND	1000	ug/L	100%		70-130	0	30	50
1,3,5-Trimethylbenzene	1,095	ND	1000	ug/L	109%		70-130	2	30	50
2-Chlorotoluene	1,034	ND	1000	ug/L	103%		70-131	1	30	50
4-Chlorotoluene	980.3	ND	1000	ug/L	98%		70-133	2	30	50
tert-Butylbenzene	1,081	ND	1000	ug/L	108%		70-130	3	30	50
1,2,4-Trimethylbenzene	1,080	ND	1000	ug/L	108%		70-130	1	30	50
sec-Butylbenzene	1,091	ND	1000	ug/L	109%		70-132	2	30	50
para-Isopropyl Toluene	1,095	ND	1000	ug/L	109%		70-130	3	30	50
1,3-Dichlorobenzene	1,016	ND	1000	ug/L	102%		70-130	1	30	50
1,4-Dichlorobenzene	955.6	ND	1000	ug/L	96%		70-130	1	30	50
n-Butylbenzene	1,118	ND	1000	ug/L	112%		70-138	4	30	50
1,2-Dichlorobenzene	1,008	ND	1000	ug/L	101%		70-130	0	30	50
1,2-Dibromo-3-Chloropropane	906.2	ND	1000	ug/L	91%		70-130	1	30	50
1,2,4-Trichlorobenzene	1,045	ND	1000	ug/L	104%		70-133	2	30	50
Hexachlorobutadiene	1,261	ND	1000	ug/L	126%	b	70-148	4	30	50
Naphthalene	1,038	ND	1000	ug/L	104%		70-144	1	30	50
1,2,3-Trichlorobenzene	1,041	ND	1000	ug/L	104%		70-131	1	30	50
Isopropyl Ether (DIPE)	1,272	ND	2000	ug/L	64%	*	70-130	30	30	50
Ethyl tert-Butyl Ether (ETBE)	686.0	ND	1000	ug/L	69%	*	70-130	31*	30	50
tert-Butyl Alcohol (TBA)	3,669	1238	5000	ug/L	49%	*	51-122	26	33	50
Methyl tert-Amyl Ether (TAME)	999.8	ND	1000	ug/L	100%		70-130	0	30	50
Surrogates										
Dibromofluoromethane	2,020		2500	ug/L	81%		70-130			50
1,2-Dichloroethane-d4	2,215		2500	ug/L	89%		70-130			50
Toluene-d8	2,522		2500	ug/L	101%		70-130			50
Bromofluorobenzene	2,493		2500	ug/L	100%		70-130			50

* Value is outside QC limits

J Estimated value

ND Not Detected

NM Not Meaningful

b See narrative