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De: [Steve Cassulo](#)

Enviado: Miércoles 13 de noviembre de 2024 5:21:40 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:

[520048_level2.pdf](#); [Tanks and Manifolds.pdf](#);

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

Todos,

En los resultados analíticos adjuntos recibidos el 10 de noviembre de 2024, el código de muestreo CACA1108Z007LCM624.1 corresponde a la muestra tomada de los tanques del Colector LC No. 4 y el código de muestreo ID CACA1108Z001A624.1 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 : 520048
Report Level : II
Report Date : 11/10/2024

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:

Frederick Haley, Project Manager
frederick.haley@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

Sample Summary

Kyle Lopic	Lab Job #:	520048
CTEH Chiquita Canyon	Project No:	CHIQUITA MONTHLY
Landfill - PROJ-037507	Location:	Monthly EPA 624.1 - SOFA Condition 38
5120 Northshore Drive	Date Received:	11/09/24
North Little Rock, AR		
72118		

Sample ID	Lab ID	Collected	Matrix
CACA1108Z001A624.1	520048-001	11/08/24 13:20	Water
CACA1108Z007LCM624.1	520048-002	11/08/24 13:35	Water
CACA1108TB001	520048-003	11/08/24 13:40	Water

Case Narrative

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

Lab Job Number: 520048
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA
Condition 38
Date Received: 11/09/24

This data package contains sample and QC results for three water samples, requested for the above referenced project on 11/09/24. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 624.1):

- High response was observed for 2-chloroethylvinylether in the ICV analyzed 10/03/24 06:28; affected data was qualified with "b".
- Low response was observed for acrolein in the ICV analyzed 04/26/24 01:56; affected data was qualified with "b".
- Low response was observed for tert-butyl alcohol (TBA) in the CCV analyzed 11/09/24 11:45; this analyte met minimum response criteria, and affected data was qualified with "b". High responses were observed for bromomethane and chloroethane; affected data was qualified with "b".
- Low response was observed for 2-chloroethylvinylether in the CCV analyzed 11/09/24 10:04; this analyte met minimum response criteria, and affected data was qualified with "b".
- Low response was observed for acrolein in the CCV analyzed 11/09/24 22:58; this analyte met minimum response criteria, and affected data was qualified with "b".
- High recovery was observed for chloroethane in the BS for batch 355089; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated samples.
- High recoveries were observed for acetone and chloroethane in the MS/MSD for batch 355089; the parent sample was not a project sample, and the associated RPDs were within limits.
- Low recovery was observed for acrolein in the LCS for batch 355125; the low recovery was not associated with any reported results.
- High recoveries were observed for a number of analytes in the MS/MSD for batch 355125; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPDs were within limits, and these high recoveries were not associated with any reported results.
- Responses exceeding the instrument's linear range were observed for acetone and 2-butanone in CACA1108Z001A624.1 (lab # 520048-001); affected data was qualified with "E".
- High RPD was observed for isopropylbenzene in the BS/BSD for batch 355125; the high RPD was not associated with any reported results.
- Naphthalene was detected between the MDL and the RL in the method blank for batch 355089; this analyte was not detected in the sample at or above the RL.
- CACA1108Z001A624.1 (lab # 520048-001), CACA1108Z007LCM624.1 (lab # 520048-002), and CACA1108TB001 (lab # 520048-003) 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 #: 520048
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 11/09/24

Sample ID: CACA1108Z001A624.1

Lab ID: 520048-001

Collected: 11/08/24 13:20

Matrix: Water

520048-001 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	60,000	E	ug/L	630	540
Carbon Disulfide	84		ug/L	25	11
2-Butanone	37,000	E	ug/L	500	130
Benzene	240		ug/L	25	5.7
4-Methyl-2-Pentanone	450	J	ug/L	500	31
Toluene	17	J	ug/L	25	5.4
2-Hexanone	270	J	ug/L	500	46
Ethylbenzene	5.2	J	ug/L	25	3.9
para-Isopropyl Toluene	11	J	ug/L	25	4.3
Ethyl tert-Butyl Ether (ETBE)	730		ug/L	25	7.4
tert-Butyl Alcohol (TBA)	2,300		ug/L	380	380

Sample ID: CACA1108Z007LCM624.1

Lab ID: 520048-002

Collected: 11/08/24 13:35

Matrix: Water

520048-002 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
2-Butanone	470	J	ug/L	500	130
Benzene	11	J	ug/L	25	5.7
Toluene	24	J	ug/L	25	5.4
Ethylbenzene	10	J	ug/L	25	3.9
m,p-Xylenes	14	J	ug/L	25	8.3
o-Xylene	7.5	J	ug/L	25	5.2
1,2,4-Trimethylbenzene	5.6	J	ug/L	25	4.5
para-Isopropyl Toluene	13	J	ug/L	25	4.3
1,4-Dichlorobenzene	9.3	J	ug/L	25	4.4
tert-Butyl Alcohol (TBA)	910		ug/L	380	380
Xylene (total)	21	J	ug/L	25	

Sample ID: CACA1108TB001

Lab ID: 520048-003

Collected: 11/08/24 13:40

No Detections

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: S20048 Page: 1 of 1		Turn Around Time (rush by advanced notice only) Standard: 5 Day: 3 Day: 2 Day: 1 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		Preservatives: Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)																																																																			
CUSTOMER INFORMATION Company: CTEH Report To: Kyle Lopic Email: labresults@cteh.com Address: 5120 North Shore Drive North Little Rock, AR 72118 Phone: 504-616-2427 Fax:		PROJECT INFORMATION LIMS Account: CTEH-CHIKUITA LIMS Proj. Name: WC CHIQUITACANYON LF Project #: Proj-037507 P.O. #: PO-4050-24-00351 Address: 29201 Henry Mayo Dr., Castaic, CA Global ID: Sampled By: EC ST		Analysis Request HCL TRIP BLANK UNACIDIFIED TRIP BLANK EPA 624.1		Test Instructions / Comments DAILY LEACHATES For reporting total concentrations on TCLP List analytes. HOLD samples for further process, as needed. Then return to Chiquita Canyon LF. Email report to: kylapic@montrose-env.com labresults@cteh.com; et al.																																																																			
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Sampling Date</th> <th>Sampling Time</th> <th>Matrix</th> <th>Container No. / Size</th> <th>Pres.</th> </tr> </thead> <tbody> <tr><td>1 CACA1108Z001A624.1</td><td>11/08/24</td><td>1320</td><td>W</td><td>4</td><td>6</td></tr> <tr><td>2 CACA1108Z007LCM624.1</td><td>11/08/24</td><td>1335</td><td>W</td><td>4</td><td>6</td></tr> <tr><td>3 CACA1108TB001</td><td>11/08/24</td><td>1340</td><td>W</td><td>2</td><td>6</td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>		Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1 CACA1108Z001A624.1	11/08/24	1320	W	4	6	2 CACA1108Z007LCM624.1	11/08/24	1335	W	4	6	3 CACA1108TB001	11/08/24	1340	W	2	6	4						5						6						7						8						9						<table border="1"> <thead> <tr> <th>Company / Title</th> <th>Date / Time</th> </tr> </thead> <tbody> <tr><td>CTEH</td><td>11/9/2024 0830</td></tr> <tr><td>CTEH</td><td>11/9/2024 0830</td></tr> <tr><td>CTEH</td><td>11/9/2024 0846</td></tr> <tr><td>EA</td><td>11/01/24 0746</td></tr> </tbody> </table>		Company / Title	Date / Time	CTEH	11/9/2024 0830	CTEH	11/9/2024 0830	CTEH	11/9/2024 0846	EA	11/01/24 0746
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SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 11/9/24 WO# 520048 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

Shipping Info: _____

Section 3a: Condition / Packaging

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

Date Opened 11/9/24 By (initials) AES

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: IR11 CF: 40.1

Cooler Temp (°C) #1: 3.3 / 3.4 #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

☐ PM notified

Date Logged 11/8/24

By (print) ABD

(sign) [Signature]

Date Labeled 11/9/24

By (print) AES

(sign) [Signature]

Analysis Results for 520048

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

Lab Job #: 520048
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 11/09/24

Sample ID: CACA1108Z001A624.1

Lab ID: 520048-001

Collected: 11/08/24 13:20

Matrix: Water

520048-001 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	24	50	355089	11/09/24	11/09/24	EJB
Acrylonitrile	ND		ug/L	100	13	50	355089	11/09/24	11/09/24	EJB
Freon 12	ND		ug/L	50	6.5	50	355089	11/09/24	11/09/24	EJB
Chloromethane	ND		ug/L	50	6.0	50	355089	11/09/24	11/09/24	EJB
Vinyl Chloride	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Bromomethane	ND		ug/L	50	22	50	355089	11/09/24	11/09/24	EJB
Chloroethane	ND		ug/L	50	6.4	50	355089	11/09/24	11/09/24	EJB
2-Chloroethylvinylether	ND		ug/L	250	40	50	355089	11/09/24	11/09/24	EJB
Trichlorofluoromethane	ND		ug/L	50	3.0	50	355089	11/09/24	11/09/24	EJB
Acetone	60,000	E	ug/L	630	540	50	355089	11/09/24	11/09/24	EJB
Freon 113	ND		ug/L	100	5.7	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloroethene	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Methylene Chloride	ND		ug/L	500	100	50	355089	11/09/24	11/09/24	EJB
Carbon Disulfide	84		ug/L	25	11	50	355089	11/09/24	11/09/24	EJB
MTBE	ND		ug/L	25	7.2	50	355089	11/09/24	11/09/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	25	6.5	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloroethane	ND		ug/L	25	6.7	50	355089	11/09/24	11/09/24	EJB
2-Butanone	37,000	E	ug/L	500	130	50	355089	11/09/24	11/09/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	25	7.0	50	355089	11/09/24	11/09/24	EJB
2,2-Dichloropropane	ND		ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
Chloroform	ND		ug/L	25	5.9	50	355089	11/09/24	11/09/24	EJB
Bromochloromethane	ND		ug/L	25	8.4	50	355089	11/09/24	11/09/24	EJB
1,1,1-Trichloroethane	ND		ug/L	25	5.3	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloropropene	ND		ug/L	25	16	50	355089	11/09/24	11/09/24	EJB
Carbon Tetrachloride	ND		ug/L	25	4.8	50	355089	11/09/24	11/09/24	EJB
1,2-Dichloroethane	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Benzene	240		ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Trichloroethene	ND		ug/L	25	5.6	50	355089	11/09/24	11/09/24	EJB
1,2-Dichloropropane	ND		ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Bromodichloromethane	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Dibromomethane	ND		ug/L	25	3.8	50	355089	11/09/24	11/09/24	EJB
4-Methyl-2-Pentanone	450	J	ug/L	500	31	50	355089	11/09/24	11/09/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Toluene	17	J	ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,1,2-Trichloroethane	ND		ug/L	25	3.5	50	355089	11/09/24	11/09/24	EJB
2-Hexanone	270	J	ug/L	500	46	50	355089	11/09/24	11/09/24	EJB
1,3-Dichloropropane	ND		ug/L	25	6.0	50	355089	11/09/24	11/09/24	EJB
Tetrachloroethene	ND		ug/L	25	4.2	50	355089	11/09/24	11/09/24	EJB
Dibromochloromethane	ND		ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
1,2-Dibromoethane	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB

Analysis Results for 520048

520048-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Ethylbenzene	5.2	J	ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
m,p-Xylenes	ND		ug/L	25	8.3	50	355089	11/09/24	11/09/24	EJB
o-Xylene	ND		ug/L	25	5.2	50	355089	11/09/24	11/09/24	EJB
Styrene	ND		ug/L	25	2.9	50	355089	11/09/24	11/09/24	EJB
Bromoform	ND		ug/L	50	4.0	50	355089	11/09/24	11/09/24	EJB
Isopropylbenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	25	3.1	50	355089	11/09/24	11/09/24	EJB
1,2,3-Trichloropropane	ND		ug/L	25	8.4	50	355089	11/09/24	11/09/24	EJB
Propylbenzene	ND		ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
Bromobenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	25	4.3	50	355089	11/09/24	11/09/24	EJB
2-Chlorotoluene	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
4-Chlorotoluene	ND		ug/L	25	5.3	50	355089	11/09/24	11/09/24	EJB
tert-Butylbenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,2,4-Trimethylbenzene	ND		ug/L	25	4.5	50	355089	11/09/24	11/09/24	EJB
sec-Butylbenzene	ND		ug/L	25	4.6	50	355089	11/09/24	11/09/24	EJB
para-Isopropyl Toluene	11	J	ug/L	25	4.3	50	355089	11/09/24	11/09/24	EJB
1,3-Dichlorobenzene	ND		ug/L	25	3.8	50	355089	11/09/24	11/09/24	EJB
1,4-Dichlorobenzene	ND		ug/L	25	4.4	50	355089	11/09/24	11/09/24	EJB
n-Butylbenzene	ND		ug/L	25	3.6	50	355089	11/09/24	11/09/24	EJB
1,2-Dichlorobenzene	ND		ug/L	25	3.7	50	355089	11/09/24	11/09/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	9.3	50	355089	11/09/24	11/09/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	25	4.8	50	355089	11/09/24	11/09/24	EJB
Hexachlorobutadiene	ND		ug/L	100	5.7	50	355089	11/09/24	11/09/24	EJB
Naphthalene	ND		ug/L	100	16	50	355125	11/10/24	11/10/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	25	4.1	50	355089	11/09/24	11/09/24	EJB
Isopropyl Ether (DIPE)	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
Ethyl tert-Butyl Ether (ETBE)	730		ug/L	25	7.4	50	355089	11/09/24	11/09/24	EJB
tert-Butyl Alcohol (TBA)	2,300		ug/L	380	380	50	355125	11/10/24	11/10/24	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Xylene (total)	ND		ug/L	25		50	355089	11/09/24	11/09/24	EJB
Total Trihalomethanes (THMs)	ND		ug/L	25		50	355089	11/09/24	11/09/24	EJB
Surrogates				Limits						
Dibromofluoromethane	104%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
1,2-Dichloroethane-d4	102%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
Toluene-d8	96%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
Bromofluorobenzene	97%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB

Analysis Results for 520048

Sample ID: CACA1108Z007LCM624.1
Lab ID: 520048-002
Collected: 11/08/24 13:35
Matrix: Water

520048-002 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	24	50	355089	11/09/24	11/09/24	EJB
Acrylonitrile	ND		ug/L	100	13	50	355089	11/09/24	11/09/24	EJB
Freon 12	ND		ug/L	50	6.5	50	355089	11/09/24	11/09/24	EJB
Chloromethane	ND		ug/L	50	6.0	50	355089	11/09/24	11/09/24	EJB
Vinyl Chloride	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Bromomethane	ND		ug/L	50	22	50	355089	11/09/24	11/09/24	EJB
Chloroethane	ND		ug/L	50	6.4	50	355089	11/09/24	11/09/24	EJB
2-Chloroethylvinylether	ND		ug/L	250	40	50	355089	11/09/24	11/09/24	EJB
Trichlorofluoromethane	ND		ug/L	50	3.0	50	355089	11/09/24	11/09/24	EJB
Acetone	ND		ug/L	630	540	50	355089	11/09/24	11/09/24	EJB
Freon 113	ND		ug/L	100	5.7	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloroethene	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Methylene Chloride	ND		ug/L	500	100	50	355089	11/09/24	11/09/24	EJB
Carbon Disulfide	ND		ug/L	25	11	50	355089	11/09/24	11/09/24	EJB
MTBE	ND		ug/L	25	7.2	50	355089	11/09/24	11/09/24	EJB
trans-1,2-Dichloroethene	ND		ug/L	25	6.5	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloroethane	ND		ug/L	25	6.7	50	355089	11/09/24	11/09/24	EJB
2-Butanone	470	J	ug/L	500	130	50	355089	11/09/24	11/09/24	EJB
cis-1,2-Dichloroethene	ND		ug/L	25	7.0	50	355089	11/09/24	11/09/24	EJB
2,2-Dichloropropane	ND		ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
Chloroform	ND		ug/L	25	5.9	50	355089	11/09/24	11/09/24	EJB
Bromochloromethane	ND		ug/L	25	8.4	50	355089	11/09/24	11/09/24	EJB
1,1,1-Trichloroethane	ND		ug/L	25	5.3	50	355089	11/09/24	11/09/24	EJB
1,1-Dichloropropene	ND		ug/L	25	16	50	355089	11/09/24	11/09/24	EJB
Carbon Tetrachloride	ND		ug/L	25	4.8	50	355089	11/09/24	11/09/24	EJB
1,2-Dichloroethane	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Benzene	11	J	ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Trichloroethene	ND		ug/L	25	5.6	50	355089	11/09/24	11/09/24	EJB
1,2-Dichloropropane	ND		ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Bromodichloromethane	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
Dibromomethane	ND		ug/L	25	3.8	50	355089	11/09/24	11/09/24	EJB
4-Methyl-2-Pentanone	ND		ug/L	500	31	50	355089	11/09/24	11/09/24	EJB
cis-1,3-Dichloropropene	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Toluene	24	J	ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
trans-1,3-Dichloropropene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,1,2-Trichloroethane	ND		ug/L	25	3.5	50	355089	11/09/24	11/09/24	EJB
2-Hexanone	ND		ug/L	500	46	50	355089	11/09/24	11/09/24	EJB
1,3-Dichloropropane	ND		ug/L	25	6.0	50	355089	11/09/24	11/09/24	EJB
Tetrachloroethene	ND		ug/L	25	4.2	50	355089	11/09/24	11/09/24	EJB
Dibromochloromethane	ND		ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
1,2-Dibromoethane	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
Chlorobenzene	ND		ug/L	25	5.4	50	355089	11/09/24	11/09/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	25	5.7	50	355089	11/09/24	11/09/24	EJB
Ethylbenzene	10	J	ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
m,p-Xylenes	14	J	ug/L	25	8.3	50	355089	11/09/24	11/09/24	EJB

Analysis Results for 520048

520048-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	7.5	J	ug/L	25	5.2	50	355089	11/09/24	11/09/24	EJB
Styrene	ND		ug/L	25	2.9	50	355089	11/09/24	11/09/24	EJB
Bromoform	ND		ug/L	50	4.0	50	355089	11/09/24	11/09/24	EJB
Isopropylbenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	25	3.1	50	355089	11/09/24	11/09/24	EJB
1,2,3-Trichloropropane	ND		ug/L	25	8.4	50	355089	11/09/24	11/09/24	EJB
Propylbenzene	ND		ug/L	25	3.9	50	355089	11/09/24	11/09/24	EJB
Bromobenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,3,5-Trimethylbenzene	ND		ug/L	25	4.3	50	355089	11/09/24	11/09/24	EJB
2-Chlorotoluene	ND		ug/L	25	6.1	50	355089	11/09/24	11/09/24	EJB
4-Chlorotoluene	ND		ug/L	25	5.3	50	355089	11/09/24	11/09/24	EJB
tert-Butylbenzene	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
1,2,4-Trimethylbenzene	5.6	J	ug/L	25	4.5	50	355089	11/09/24	11/09/24	EJB
sec-Butylbenzene	ND		ug/L	25	4.6	50	355089	11/09/24	11/09/24	EJB
para-Isopropyl Toluene	13	J	ug/L	25	4.3	50	355089	11/09/24	11/09/24	EJB
1,3-Dichlorobenzene	ND		ug/L	25	3.8	50	355089	11/09/24	11/09/24	EJB
1,4-Dichlorobenzene	9.3	J	ug/L	25	4.4	50	355089	11/09/24	11/09/24	EJB
n-Butylbenzene	ND		ug/L	25	3.6	50	355089	11/09/24	11/09/24	EJB
1,2-Dichlorobenzene	ND		ug/L	25	3.7	50	355089	11/09/24	11/09/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	9.3	50	355089	11/09/24	11/09/24	EJB
1,2,4-Trichlorobenzene	ND		ug/L	25	4.8	50	355089	11/09/24	11/09/24	EJB
Hexachlorobutadiene	ND		ug/L	100	5.7	50	355089	11/09/24	11/09/24	EJB
Naphthalene	ND		ug/L	100	16	50	355125	11/10/24	11/10/24	EJB
1,2,3-Trichlorobenzene	ND		ug/L	25	4.1	50	355089	11/09/24	11/09/24	EJB
Isopropyl Ether (DIPE)	ND		ug/L	25	4.0	50	355089	11/09/24	11/09/24	EJB
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	7.4	50	355089	11/09/24	11/09/24	EJB
tert-Butyl Alcohol (TBA)	910		ug/L	380	380	50	355125	11/10/24	11/10/24	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	4.7	50	355089	11/09/24	11/09/24	EJB
Xylene (total)	21	J	ug/L	25		50	355089	11/09/24	11/09/24	EJB
Total Trihalomethanes (THMs)	ND		ug/L	25		50	355089	11/09/24	11/09/24	EJB
Surrogates				Limits						
Dibromofluoromethane	106%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
1,2-Dichloroethane-d4	106%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
Toluene-d8	98%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB
Bromofluorobenzene	96%		%REC	70-130		50	355089	11/09/24	11/09/24	EJB

Analysis Results for 520048

Sample ID: CACA1108TB001
Lab ID: 520048-003
Collected: 11/08/24 13:40
Matrix: Water

520048-003 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	0.5	1	355089	11/09/24	11/09/24	HMN
Acrylonitrile	ND		ug/L	2.0	0.3	1	355089	11/09/24	11/09/24	HMN
Freon 12	ND		ug/L	1.0	0.1	1	355089	11/09/24	11/09/24	HMN
Chloromethane	ND		ug/L	1.0	0.1	1	355089	11/09/24	11/09/24	HMN
Vinyl Chloride	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
Bromomethane	ND		ug/L	1.0	0.4	1	355089	11/09/24	11/09/24	HMN
Chloroethane	ND		ug/L	1.0	0.1	1	355089	11/09/24	11/09/24	HMN
2-Chloroethylvinylether	ND		ug/L	5.0	0.8	1	355089	11/09/24	11/09/24	HMN
Trichlorofluoromethane	ND		ug/L	1.0	0.06	1	355089	11/09/24	11/09/24	HMN
Acetone	ND		ug/L	13	11	1	355089	11/09/24	11/09/24	HMN
Freon 113	ND		ug/L	2.0	0.1	1	355089	11/09/24	11/09/24	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Methylene Chloride	ND		ug/L	10	2.0	1	355089	11/09/24	11/09/24	HMN
Carbon Disulfide	ND		ug/L	0.5	0.2	1	355089	11/09/24	11/09/24	HMN
MTBE	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
2-Butanone	ND		ug/L	10	2.6	1	355089	11/09/24	11/09/24	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
2,2-Dichloropropane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Chloroform	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Bromochloromethane	ND		ug/L	0.5	0.2	1	355089	11/09/24	11/09/24	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
1,1-Dichloropropene	ND		ug/L	0.5	0.3	1	355089	11/09/24	11/09/24	HMN
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Benzene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Bromodichloromethane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Dibromomethane	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
4-Methyl-2-Pentanone	ND		ug/L	10	0.6	1	355089	11/09/24	11/09/24	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
Toluene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.07	1	355089	11/09/24	11/09/24	HMN
2-Hexanone	ND		ug/L	10	0.9	1	355089	11/09/24	11/09/24	HMN
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Tetrachloroethene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
Dibromochloromethane	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,2-Dibromoethane	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
Chlorobenzene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Ethylbenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
m,p-Xylenes	ND		ug/L	0.5	0.2	1	355089	11/09/24	11/09/24	HMN

Analysis Results for 520048

520048-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Styrene	ND		ug/L	0.5	0.06	1	355089	11/09/24	11/09/24	HMN
Bromoform	ND		ug/L	1.0	0.08	1	355089	11/09/24	11/09/24	HMN
Isopropylbenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	1	355089	11/09/24	11/09/24	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	1	355089	11/09/24	11/09/24	HMN
Propylbenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
Bromobenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
tert-Butylbenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
sec-Butylbenzene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
n-Butylbenzene	ND		ug/L	0.5	0.07	1	355089	11/09/24	11/09/24	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.07	1	355089	11/09/24	11/09/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	355089	11/09/24	11/09/24	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
Hexachlorobutadiene	ND		ug/L	2.0	0.1	1	355089	11/09/24	11/09/24	HMN
Naphthalene	ND		ug/L	2.0	0.1	1	355089	11/09/24	11/09/24	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.08	1	355089	11/09/24	11/09/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	1	355089	11/09/24	11/09/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	7.6	7.6	1	355125	11/10/24	11/10/24	EJB
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	1	355089	11/09/24	11/09/24	HMN
Xylene (total)	ND		ug/L	0.5		1	355089	11/09/24	11/09/24	HMN
Total Trihalomethanes (THMs)	ND		ug/L	0.5		1	355089	11/09/24	11/09/24	HMN
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	355089	11/09/24	11/09/24	HMN
1,2-Dichloroethane-d4	104%		%REC	70-130		1	355089	11/09/24	11/09/24	HMN
Toluene-d8	99%		%REC	70-130		1	355089	11/09/24	11/09/24	HMN
Bromofluorobenzene	98%		%REC	70-130		1	355089	11/09/24	11/09/24	HMN

E Response exceeds instrument's linear range
J Estimated value
ND Not Detected

Batch QC

Type: Lab Control Sample	Lab ID: QC1202737	Batch: 355089
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202737 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	42.73	50.00	ug/L	85%		50-136
Freon 12	63.52	50.00	ug/L	127%		53-130
Chloromethane	57.25	50.00	ug/L	115%		65-130
Vinyl Chloride	53.35	50.00	ug/L	107%		70-130
Bromomethane	69.19	50.00	ug/L	138%	b	57-151
Chloroethane	66.88	50.00	ug/L	134%	b,*	65-129
Trichlorofluoromethane	57.65	50.00	ug/L	115%		70-130
Acetone	106.6	125.0	ug/L	85%		53-134
Freon 113	56.78	50.00	ug/L	114%		70-130
1,1-Dichloroethene	58.52	50.00	ug/L	117%		70-135
Methylene Chloride	50.97	50.00	ug/L	102%		70-130
Carbon Disulfide	53.88	50.00	ug/L	108%		70-130
MTBE	41.23	50.00	ug/L	82%		70-130
trans-1,2-Dichloroethene	53.83	50.00	ug/L	108%		70-130
1,1-Dichloroethane	54.68	50.00	ug/L	109%		70-130
2-Butanone	99.36	125.0	ug/L	79%		56-127
cis-1,2-Dichloroethene	51.59	50.00	ug/L	103%		70-130
2,2-Dichloropropane	48.36	50.00	ug/L	97%		70-130
Chloroform	48.93	50.00	ug/L	98%		70-130
Bromochloromethane	49.03	50.00	ug/L	98%		70-130
1,1,1-Trichloroethane	48.87	50.00	ug/L	98%		70-130
1,1-Dichloropropene	53.63	50.00	ug/L	107%		70-130
Carbon Tetrachloride	49.63	50.00	ug/L	99%		70-130
1,2-Dichloroethane	46.27	50.00	ug/L	93%		70-130
Benzene	51.54	50.00	ug/L	103%		70-130
Trichloroethene	53.59	50.00	ug/L	107%		70-130
1,2-Dichloropropane	52.31	50.00	ug/L	105%		70-130
Bromodichloromethane	46.36	50.00	ug/L	93%		70-130
Dibromomethane	47.05	50.00	ug/L	94%		70-130
4-Methyl-2-Pentanone	100.7	125.0	ug/L	81%		62-126
cis-1,3-Dichloropropene	46.90	50.00	ug/L	94%		70-130
Toluene	48.81	50.00	ug/L	98%		70-130
trans-1,3-Dichloropropene	46.91	50.00	ug/L	94%		70-130
1,1,2-Trichloroethane	44.67	50.00	ug/L	89%		70-130
2-Hexanone	93.79	125.0	ug/L	75%		53-127
1,3-Dichloropropane	47.17	50.00	ug/L	94%		70-130
Tetrachloroethene	52.66	50.00	ug/L	105%		70-130
Dibromochloromethane	46.31	50.00	ug/L	93%		70-130
1,2-Dibromoethane	44.63	50.00	ug/L	89%		70-130
Chlorobenzene	49.80	50.00	ug/L	100%		70-130
1,1,1,2-Tetrachloroethane	47.66	50.00	ug/L	95%		70-130
Ethylbenzene	48.92	50.00	ug/L	98%		70-130
m,p-Xylenes	94.31	100.0	ug/L	94%		70-130
o-Xylene	45.48	50.00	ug/L	91%		70-130
Styrene	49.59	50.00	ug/L	99%		70-130
Bromoform	45.07	50.00	ug/L	90%		70-130
Isopropylbenzene	45.55	50.00	ug/L	91%		70-130

Batch QC

QC1202737 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	41.89	50.00	ug/L	84%		70-130
1,2,3-Trichloropropane	39.47	50.00	ug/L	79%		70-137
Propylbenzene	50.90	50.00	ug/L	102%		70-130
Bromobenzene	46.22	50.00	ug/L	92%		70-130
1,3,5-Trimethylbenzene	48.04	50.00	ug/L	96%		70-130
2-Chlorotoluene	47.90	50.00	ug/L	96%		70-130
4-Chlorotoluene	48.43	50.00	ug/L	97%		70-130
tert-Butylbenzene	47.82	50.00	ug/L	96%		70-130
1,2,4-Trimethylbenzene	47.59	50.00	ug/L	95%		70-130
sec-Butylbenzene	49.05	50.00	ug/L	98%		70-130
para-Isopropyl Toluene	49.74	50.00	ug/L	99%		70-130
1,3-Dichlorobenzene	51.02	50.00	ug/L	102%		70-130
1,4-Dichlorobenzene	50.55	50.00	ug/L	101%		70-130
n-Butylbenzene	51.45	50.00	ug/L	103%		70-133
1,2-Dichlorobenzene	48.98	50.00	ug/L	98%		70-130
1,2-Dibromo-3-Chloropropane	35.98	50.00	ug/L	72%		70-130
1,2,4-Trichlorobenzene	52.56	50.00	ug/L	105%		70-130
Hexachlorobutadiene	53.42	50.00	ug/L	107%		70-147
Naphthalene	42.86	50.00	ug/L	86%		70-130
1,2,3-Trichlorobenzene	50.12	50.00	ug/L	100%		70-130
Isopropyl Ether (DIPE)	51.38	50.00	ug/L	103%		70-130
Ethyl tert-Butyl Ether (ETBE)	43.52	50.00	ug/L	87%		70-130
tert-Butyl Alcohol (TBA)	158.5	250.0	ug/L	63%	b	48-125
Methyl tert-Amyl Ether (TAME)	39.33	50.00	ug/L	79%		70-130
Surrogates						
Dibromofluoromethane	49.27	50.00	ug/L	99%		70-130
1,2-Dichloroethane-d4	52.68	50.00	ug/L	105%		70-130
Toluene-d8	49.66	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.84	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1202738	Batch: 355089
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202738 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	42.19	50.00	ug/L	84%		50-136	1	30
Freon 12	62.61	50.00	ug/L	125%		53-130	1	30
Chloromethane	56.40	50.00	ug/L	113%		65-130	2	30
Vinyl Chloride	51.35	50.00	ug/L	103%		70-130	4	30
Bromomethane	67.28	50.00	ug/L	135%	b	57-151	3	30
Chloroethane	64.10	50.00	ug/L	128%	b	65-129	4	30
Trichlorofluoromethane	55.65	50.00	ug/L	111%		70-130	4	30
Acetone	107.0	125.0	ug/L	86%		53-134	0	36
Freon 113	52.88	50.00	ug/L	106%		70-130	7	30
1,1-Dichloroethene	56.01	50.00	ug/L	112%		70-135	4	30
Methylene Chloride	49.70	50.00	ug/L	99%		70-130	3	30
Carbon Disulfide	52.59	50.00	ug/L	105%		70-130	2	30
MTBE	41.11	50.00	ug/L	82%		70-130	0	30
trans-1,2-Dichloroethene	52.36	50.00	ug/L	105%		70-130	3	30
1,1-Dichloroethane	53.01	50.00	ug/L	106%		70-130	3	30
2-Butanone	99.11	125.0	ug/L	79%		56-127	0	30
cis-1,2-Dichloroethene	49.85	50.00	ug/L	100%		70-130	3	30
2,2-Dichloropropane	46.94	50.00	ug/L	94%		70-130	3	30
Chloroform	47.84	50.00	ug/L	96%		70-130	2	30
Bromochloromethane	48.60	50.00	ug/L	97%		70-130	1	30
1,1,1-Trichloroethane	47.37	50.00	ug/L	95%		70-130	3	30
1,1-Dichloropropene	50.81	50.00	ug/L	102%		70-130	5	30
Carbon Tetrachloride	48.75	50.00	ug/L	98%		70-130	2	30
1,2-Dichloroethane	45.53	50.00	ug/L	91%		70-130	2	30
Benzene	50.60	50.00	ug/L	101%		70-130	2	30
Trichloroethene	52.84	50.00	ug/L	106%		70-130	1	30
1,2-Dichloropropane	50.59	50.00	ug/L	101%		70-130	3	30
Bromodichloromethane	45.44	50.00	ug/L	91%		70-130	2	30
Dibromomethane	45.80	50.00	ug/L	92%		70-130	3	30
4-Methyl-2-Pentanone	99.87	125.0	ug/L	80%		62-126	1	30
cis-1,3-Dichloropropene	46.33	50.00	ug/L	93%		70-130	1	30
Toluene	47.42	50.00	ug/L	95%		70-130	3	30
trans-1,3-Dichloropropene	46.04	50.00	ug/L	92%		70-130	2	30
1,1,2-Trichloroethane	43.74	50.00	ug/L	87%		70-130	2	30
2-Hexanone	95.00	125.0	ug/L	76%		53-127	1	30
1,3-Dichloropropane	45.92	50.00	ug/L	92%		70-130	3	30
Tetrachloroethene	51.22	50.00	ug/L	102%		70-130	3	30
Dibromochloromethane	45.15	50.00	ug/L	90%		70-130	3	30
1,2-Dibromoethane	43.65	50.00	ug/L	87%		70-130	2	30
Chlorobenzene	48.44	50.00	ug/L	97%		70-130	3	30
1,1,1,2-Tetrachloroethane	47.30	50.00	ug/L	95%		70-130	1	30
Ethylbenzene	47.71	50.00	ug/L	95%		70-130	3	30
m,p-Xylenes	92.70	100.0	ug/L	93%		70-130	2	30
o-Xylene	44.49	50.00	ug/L	89%		70-130	2	30
Styrene	48.17	50.00	ug/L	96%		70-130	3	30
Bromoform	44.80	50.00	ug/L	90%		70-130	1	30

Batch QC

QC1202738 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	44.94	50.00	ug/L	90%		70-130	1	30
1,1,2,2-Tetrachloroethane	41.28	50.00	ug/L	83%		70-130	1	30
1,2,3-Trichloropropane	39.41	50.00	ug/L	79%		70-137	0	30
Propylbenzene	49.26	50.00	ug/L	99%		70-130	3	30
Bromobenzene	44.76	50.00	ug/L	90%		70-130	3	30
1,3,5-Trimethylbenzene	46.73	50.00	ug/L	93%		70-130	3	30
2-Chlorotoluene	46.23	50.00	ug/L	92%		70-130	4	30
4-Chlorotoluene	47.41	50.00	ug/L	95%		70-130	2	30
tert-Butylbenzene	46.65	50.00	ug/L	93%		70-130	2	30
1,2,4-Trimethylbenzene	46.35	50.00	ug/L	93%		70-130	3	30
sec-Butylbenzene	47.49	50.00	ug/L	95%		70-130	3	30
para-Isopropyl Toluene	48.36	50.00	ug/L	97%		70-130	3	30
1,3-Dichlorobenzene	49.13	50.00	ug/L	98%		70-130	4	30
1,4-Dichlorobenzene	49.48	50.00	ug/L	99%		70-130	2	30
n-Butylbenzene	49.78	50.00	ug/L	100%		70-133	3	30
1,2-Dichlorobenzene	47.15	50.00	ug/L	94%		70-130	4	30
1,2-Dibromo-3-Chloropropane	36.07	50.00	ug/L	72%		70-130	0	30
1,2,4-Trichlorobenzene	52.06	50.00	ug/L	104%		70-130	1	30
Hexachlorobutadiene	51.64	50.00	ug/L	103%		70-147	3	30
Naphthalene	42.46	50.00	ug/L	85%		70-130	1	30
1,2,3-Trichlorobenzene	49.56	50.00	ug/L	99%		70-130	1	30
Isopropyl Ether (DIPE)	50.14	50.00	ug/L	100%		70-130	2	30
Ethyl tert-Butyl Ether (ETBE)	43.41	50.00	ug/L	87%		70-130	0	30
tert-Butyl Alcohol (TBA)	167.4	250.0	ug/L	67%	b	48-125	5	30
Methyl tert-Amyl Ether (TAME)	39.00	50.00	ug/L	78%		70-130	1	30
Surrogates								
Dibromofluoromethane	49.91	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	52.11	50.00	ug/L	104%		70-130		
Toluene-d8	49.38	50.00	ug/L	99%		70-130		
Bromofluorobenzene	50.06	50.00	ug/L	100%		70-130		

Type: Lab Control Sample
Matrix: Water
Lab ID: QC1202741
Method: EPA 624.1
Batch: 355089
Prep Method: EPA 624.1

QC1202741 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	39.27	50.00	ug/L	79%		70-130
2-Chloroethylvinylether	17.38	50.00	ug/L	35%	b	10-130
Surrogates						
Dibromofluoromethane	52.21	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	52.80	50.00	ug/L	106%		70-130
Toluene-d8	49.16	50.00	ug/L	98%		70-130
Bromofluorobenzene	51.03	50.00	ug/L	102%		70-130

Batch QC

Type: Blank	Lab ID: QC1202742	Batch: 355089
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202742 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	0.5	11/09/24	11/09/24
Acrylonitrile	ND		ug/L	2.0	0.3	11/09/24	11/09/24
Freon 12	ND		ug/L	1.0	0.1	11/09/24	11/09/24
Chloromethane	ND		ug/L	1.0	0.1	11/09/24	11/09/24
Vinyl Chloride	ND		ug/L	0.5	0.09	11/09/24	11/09/24
Bromomethane	ND		ug/L	1.0	0.4	11/09/24	11/09/24
Chloroethane	ND		ug/L	1.0	0.1	11/09/24	11/09/24
2-Chloroethylvinylether	ND		ug/L	5.0	0.8	11/09/24	11/09/24
Trichlorofluoromethane	ND		ug/L	1.0	0.06	11/09/24	11/09/24
Acetone	ND		ug/L	13	11	11/09/24	11/09/24
Freon 113	ND		ug/L	2.0	0.1	11/09/24	11/09/24
1,1-Dichloroethene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Methylene Chloride	ND		ug/L	10	2.0	11/09/24	11/09/24
Carbon Disulfide	ND		ug/L	0.5	0.2	11/09/24	11/09/24
MTBE	ND		ug/L	0.5	0.1	11/09/24	11/09/24
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
1,1-Dichloroethane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
2-Butanone	ND		ug/L	10	2.6	11/09/24	11/09/24
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
2,2-Dichloropropane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Chloroform	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Bromochloromethane	ND		ug/L	0.5	0.2	11/09/24	11/09/24
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
1,1-Dichloropropene	ND		ug/L	0.5	0.3	11/09/24	11/09/24
Carbon Tetrachloride	ND		ug/L	0.5	0.1	11/09/24	11/09/24
1,2-Dichloroethane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Benzene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Trichloroethene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
1,2-Dichloropropane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Bromodichloromethane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Dibromomethane	ND		ug/L	0.5	0.08	11/09/24	11/09/24
4-Methyl-2-Pentanone	ND		ug/L	10	0.6	11/09/24	11/09/24
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
Toluene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,1,2-Trichloroethane	ND		ug/L	0.5	0.07	11/09/24	11/09/24
2-Hexanone	ND		ug/L	10	0.9	11/09/24	11/09/24
1,3-Dichloropropane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Tetrachloroethene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
Dibromochloromethane	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,2-Dibromoethane	ND		ug/L	0.5	0.08	11/09/24	11/09/24
Chlorobenzene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Ethylbenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
m,p-Xylenes	ND		ug/L	0.5	0.2	11/09/24	11/09/24
o-Xylene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Styrene	ND		ug/L	0.5	0.06	11/09/24	11/09/24

Batch QC

QC1202742 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.08	11/09/24	11/09/24
Isopropylbenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.06	11/09/24	11/09/24
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	11/09/24	11/09/24
Propylbenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
Bromobenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
2-Chlorotoluene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
4-Chlorotoluene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
tert-Butylbenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
sec-Butylbenzene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
para-Isopropyl Toluene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
1,3-Dichlorobenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	11/09/24	11/09/24
n-Butylbenzene	ND		ug/L	0.5	0.07	11/09/24	11/09/24
1,2-Dichlorobenzene	ND		ug/L	0.5	0.07	11/09/24	11/09/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	11/09/24	11/09/24
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	11/09/24	11/09/24
Hexachlorobutadiene	ND		ug/L	2.0	0.1	11/09/24	11/09/24
Naphthalene	0.1	J	ug/L	2.0	0.1	11/09/24	11/09/24
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.08	11/09/24	11/09/24
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.08	11/09/24	11/09/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	11/09/24	11/09/24
tert-Butyl Alcohol (TBA)	ND		ug/L	10	4.0	11/09/24	11/09/24
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	11/09/24	11/09/24
Xylene (total)	ND		ug/L	0.5		11/09/24	11/09/24
Total Trihalomethanes (THMs)	ND		ug/L	0.5		11/09/24	11/09/24
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		11/09/24	11/09/24
1,2-Dichloroethane-d4	105%		%REC	70-130		11/09/24	11/09/24
Toluene-d8	98%		%REC	70-130		11/09/24	11/09/24
Bromofluorobenzene	98%		%REC	70-130		11/09/24	11/09/24

Batch QC

Type: Matrix Spike	Lab ID: QC1202803	Batch: 355089
Matrix (Source ID): Water (519828-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	32.51	ND	50.00	ug/L	65%		59-129	1
Freon 12	55.89	ND	50.00	ug/L	112%		54-130	1
Chloromethane	55.52	ND	50.00	ug/L	111%		65-130	1
Vinyl Chloride	50.09	ND	50.00	ug/L	100%		70-130	1
Bromomethane	64.05	ND	50.00	ug/L	128%	b	58-141	1
Chloroethane	71.84	ND	50.00	ug/L	144%	b,*	52-141	1
Trichlorofluoromethane	60.56	ND	50.00	ug/L	121%		70-130	1
Acetone	218.1	ND	125.0	ug/L	174%	*	53-129	1
Freon 113	51.92	ND	50.00	ug/L	104%		70-130	1
1,1-Dichloroethene	53.52	ND	50.00	ug/L	107%		70-130	1
Methylene Chloride	49.26	ND	50.00	ug/L	99%		67-130	1
Carbon Disulfide	47.55	ND	50.00	ug/L	95%		70-130	1
MTBE	38.70	ND	50.00	ug/L	77%		75-130	1
trans-1,2-Dichloroethene	50.55	ND	50.00	ug/L	101%		70-130	1
1,1-Dichloroethane	49.80	ND	50.00	ug/L	100%		70-130	1
2-Butanone	142.7	ND	125.0	ug/L	114%		55-126	1
cis-1,2-Dichloroethene	49.19	ND	50.00	ug/L	98%		80-130	1
2,2-Dichloropropane	44.00	ND	50.00	ug/L	88%		77-130	1
Chloroform	47.75	ND	50.00	ug/L	95%		70-130	1
Bromochloromethane	48.59	ND	50.00	ug/L	97%		70-130	1
1,1,1-Trichloroethane	44.86	ND	50.00	ug/L	90%		70-130	1
1,1-Dichloropropene	50.46	ND	50.00	ug/L	101%		70-130	1
Carbon Tetrachloride	46.67	ND	50.00	ug/L	93%		70-130	1
1,2-Dichloroethane	45.50	ND	50.00	ug/L	91%		70-130	1
Benzene	48.76	ND	50.00	ug/L	98%		70-130	1
Trichloroethene	53.13	ND	50.00	ug/L	106%		63-130	1
1,2-Dichloropropane	50.69	ND	50.00	ug/L	101%		70-130	1
Bromodichloromethane	45.40	ND	50.00	ug/L	91%		70-130	1
Dibromomethane	47.59	ND	50.00	ug/L	95%		70-130	1
4-Methyl-2-Pentanone	98.05	ND	125.0	ug/L	78%		59-130	1
cis-1,3-Dichloropropene	46.27	ND	50.00	ug/L	93%		70-130	1
Toluene	47.32	ND	50.00	ug/L	95%		70-130	1
trans-1,3-Dichloropropene	46.40	ND	50.00	ug/L	93%		70-130	1
1,1,2-Trichloroethane	44.75	ND	50.00	ug/L	89%		70-130	1
2-Hexanone	119.6	ND	125.0	ug/L	96%		52-130	1
1,3-Dichloropropane	47.65	ND	50.00	ug/L	95%		70-130	1
Tetrachloroethene	50.86	ND	50.00	ug/L	102%		49-130	1
Dibromochloromethane	47.25	ND	50.00	ug/L	94%		70-130	1
1,2-Dibromoethane	44.42	ND	50.00	ug/L	89%		70-130	1
Chlorobenzene	48.62	ND	50.00	ug/L	97%		70-130	1
1,1,1,2-Tetrachloroethane	49.83	ND	50.00	ug/L	100%		70-130	1
Ethylbenzene	48.43	ND	50.00	ug/L	97%		70-130	1
m,p-Xylenes	93.54	ND	100.0	ug/L	94%		70-131	1
o-Xylene	46.31	ND	50.00	ug/L	93%		70-130	1
Styrene	48.63	ND	50.00	ug/L	97%		67-130	1

Batch QC

QC1202803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	46.41	ND	50.00	ug/L	93%		70-130	1
Isopropylbenzene	46.21	ND	50.00	ug/L	92%		70-130	1
1,1,2,2-Tetrachloroethane	41.89	ND	50.00	ug/L	84%		70-141	1
1,2,3-Trichloropropane	41.22	ND	50.00	ug/L	82%		70-138	1
Propylbenzene	49.23	ND	50.00	ug/L	98%		70-134	1
Bromobenzene	46.07	ND	50.00	ug/L	92%		70-130	1
1,3,5-Trimethylbenzene	48.17	ND	50.00	ug/L	96%		70-130	1
2-Chlorotoluene	47.64	ND	50.00	ug/L	95%		70-131	1
4-Chlorotoluene	48.20	ND	50.00	ug/L	96%		70-133	1
tert-Butylbenzene	48.66	ND	50.00	ug/L	97%		70-130	1
1,2,4-Trimethylbenzene	47.05	ND	50.00	ug/L	94%		70-130	1
sec-Butylbenzene	49.37	ND	50.00	ug/L	99%		70-132	1
para-Isopropyl Toluene	49.47	ND	50.00	ug/L	99%		70-130	1
1,3-Dichlorobenzene	49.08	ND	50.00	ug/L	98%		70-130	1
1,4-Dichlorobenzene	48.96	ND	50.00	ug/L	98%		70-130	1
n-Butylbenzene	49.59	ND	50.00	ug/L	99%		70-138	1
1,2-Dichlorobenzene	48.28	ND	50.00	ug/L	97%		70-130	1
1,2-Dibromo-3-Chloropropane	36.25	ND	50.00	ug/L	72%		70-130	1
1,2,4-Trichlorobenzene	48.66	ND	50.00	ug/L	97%		70-133	1
Hexachlorobutadiene	55.49	ND	50.00	ug/L	111%		70-148	1
Naphthalene	42.50	ND	50.00	ug/L	85%		70-144	1
1,2,3-Trichlorobenzene	48.55	ND	50.00	ug/L	97%		70-131	1
Isopropyl Ether (DIPE)	96.01	ND	100.0	ug/L	96%		70-130	1
Ethyl tert-Butyl Ether (ETBE)	41.74	ND	50.00	ug/L	83%		70-130	1
tert-Butyl Alcohol (TBA)	153.1	ND	250.0	ug/L	61%	b	51-122	1
Methyl tert-Amyl Ether (TAME)	36.78	ND	50.00	ug/L	74%		70-130	1
Surrogates								
Dibromofluoromethane	48.79		50.00	ug/L	98%		70-130	1
1,2-Dichloroethane-d4	48.40		50.00	ug/L	97%		70-130	1
Toluene-d8	50.29		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	49.05		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1202804	Batch: 355089
Matrix (Source ID): Water (519828-002)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	63.28	ND	100.0	ug/L	63%		59-129	3	25	1
Freon 12	102.3	ND	100.0	ug/L	102%		54-130	9	30	1
Chloromethane	101.3	ND	100.0	ug/L	101%		65-130	9	30	1
Vinyl Chloride	93.54	ND	100.0	ug/L	94%		70-130	7	30	1
Bromomethane	136.3	ND	100.0	ug/L	136%	b	58-141	6	26	1
Chloroethane	169.8	ND	100.0	ug/L	170%	b,*	52-141	17	46	1
Trichlorofluoromethane	104.4	ND	100.0	ug/L	104%		70-130	15	30	1
Acetone	431.4	ND	250.0	ug/L	173%	*	53-129	1	28	1
Freon 113	92.70	ND	100.0	ug/L	93%		70-130	11	30	1
1,1-Dichloroethene	98.23	ND	100.0	ug/L	98%		70-130	9	30	1
Methylene Chloride	90.67	ND	100.0	ug/L	91%		67-130	8	30	1
Carbon Disulfide	86.88	ND	100.0	ug/L	87%		70-130	9	30	1
MTBE	75.18	ND	100.0	ug/L	75%		75-130	3	30	1
trans-1,2-Dichloroethene	91.91	ND	100.0	ug/L	92%		70-130	10	30	1
1,1-Dichloroethane	91.81	ND	100.0	ug/L	92%		70-130	8	30	1
2-Butanone	282.9	ND	250.0	ug/L	113%		55-126	1	26	1
cis-1,2-Dichloroethene	90.70	ND	100.0	ug/L	91%		80-130	8	30	1
2,2-Dichloropropane	80.12	ND	100.0	ug/L	80%		77-130	9	30	1
Chloroform	88.01	ND	100.0	ug/L	88%		70-130	8	30	1
Bromochloromethane	91.11	ND	100.0	ug/L	91%		70-130	6	30	1
1,1,1-Trichloroethane	80.70	ND	100.0	ug/L	81%		70-130	11	30	1
1,1-Dichloropropene	91.28	ND	100.0	ug/L	91%		70-130	10	30	1
Carbon Tetrachloride	84.08	ND	100.0	ug/L	84%		70-130	10	30	1
1,2-Dichloroethane	86.09	ND	100.0	ug/L	86%		70-130	6	30	1
Benzene	90.60	ND	100.0	ug/L	91%		70-130	7	30	1
Trichloroethene	97.92	ND	100.0	ug/L	98%		63-130	8	30	1
1,2-Dichloropropane	95.01	ND	100.0	ug/L	95%		70-130	6	30	1
Bromodichloromethane	85.47	ND	100.0	ug/L	85%		70-130	6	30	1
Dibromomethane	89.90	ND	100.0	ug/L	90%		70-130	6	30	1
4-Methyl-2-Pentanone	194.9	ND	250.0	ug/L	78%		59-130	1	24	1
cis-1,3-Dichloropropene	89.19	ND	100.0	ug/L	89%		70-130	4	30	1
Toluene	88.24	ND	100.0	ug/L	88%		70-130	7	30	1
trans-1,3-Dichloropropene	88.62	ND	100.0	ug/L	89%		70-130	5	30	1
1,1,2-Trichloroethane	85.39	ND	100.0	ug/L	85%		70-130	5	30	1
2-Hexanone	233.7	ND	250.0	ug/L	93%		52-130	2	27	1
1,3-Dichloropropane	90.44	ND	100.0	ug/L	90%		70-130	5	30	1
Tetrachloroethene	96.36	ND	100.0	ug/L	96%		49-130	5	30	1
Dibromochloromethane	90.27	ND	100.0	ug/L	90%		70-130	5	30	1
1,2-Dibromoethane	85.08	ND	100.0	ug/L	85%		70-130	4	30	1
Chlorobenzene	92.26	ND	100.0	ug/L	92%		70-130	5	30	1
1,1,1,2-Tetrachloroethane	94.61	ND	100.0	ug/L	95%		70-130	5	30	1
Ethylbenzene	89.57	ND	100.0	ug/L	90%		70-130	8	30	1
m,p-Xylenes	173.7	ND	200.0	ug/L	87%		70-131	7	30	1
o-Xylene	86.00	ND	100.0	ug/L	86%		70-130	7	30	1
Styrene	91.30	ND	100.0	ug/L	91%		67-130	6	30	1

Batch QC

QC1202804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	90.53	ND	100.0	ug/L	91%		70-130	3	30	1
Isopropylbenzene	85.88	ND	100.0	ug/L	86%		70-130	7	30	1
1,1,2,2-Tetrachloroethane	80.55	ND	100.0	ug/L	81%		70-141	4	30	1
1,2,3-Trichloropropane	81.29	ND	100.0	ug/L	81%		70-138	1	30	1
Propylbenzene	93.59	ND	100.0	ug/L	94%		70-134	5	30	1
Bromobenzene	89.21	ND	100.0	ug/L	89%		70-130	3	30	1
1,3,5-Trimethylbenzene	90.16	ND	100.0	ug/L	90%		70-130	7	30	1
2-Chlorotoluene	90.81	ND	100.0	ug/L	91%		70-131	5	30	1
4-Chlorotoluene	90.41	ND	100.0	ug/L	90%		70-133	6	30	1
tert-Butylbenzene	88.79	ND	100.0	ug/L	89%		70-130	9	30	1
1,2,4-Trimethylbenzene	88.40	ND	100.0	ug/L	88%		70-130	6	30	1
sec-Butylbenzene	90.86	ND	100.0	ug/L	91%		70-132	8	30	1
para-Isopropyl Toluene	92.60	ND	100.0	ug/L	93%		70-130	7	30	1
1,3-Dichlorobenzene	92.75	ND	100.0	ug/L	93%		70-130	6	30	1
1,4-Dichlorobenzene	92.18	ND	100.0	ug/L	92%		70-130	6	30	1
n-Butylbenzene	93.25	ND	100.0	ug/L	93%		70-138	6	30	1
1,2-Dichlorobenzene	91.58	ND	100.0	ug/L	92%		70-130	5	30	1
1,2-Dibromo-3-Chloropropane	71.92	ND	100.0	ug/L	72%		70-130	1	30	1
1,2,4-Trichlorobenzene	98.20	ND	100.0	ug/L	98%		70-133	1	30	1
Hexachlorobutadiene	106.6	ND	100.0	ug/L	107%		70-148	4	30	1
Naphthalene	84.86	ND	100.0	ug/L	85%		70-144	0	30	1
1,2,3-Trichlorobenzene	94.66	ND	100.0	ug/L	95%		70-131	3	30	1
Isopropyl Ether (DIPE)	184.9	ND	200.0	ug/L	92%		70-130	4	30	1
Ethyl tert-Butyl Ether (ETBE)	80.51	ND	100.0	ug/L	81%		70-130	4	30	1
tert-Butyl Alcohol (TBA)	312.5	ND	500.0	ug/L	63%	b	51-122	2	33	1
Methyl tert-Amyl Ether (TAME)	72.79	ND	100.0	ug/L	73%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	48.79		50.00	ug/L	98%		70-130			1
1,2-Dichloroethane-d4	47.78		50.00	ug/L	96%		70-130			1
Toluene-d8	50.19		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	49.80		50.00	ug/L	100%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1202901	Batch: 355125
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202901 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	2.2	11/10/24	11/10/24
Acrylonitrile	ND		ug/L	2.0	0.3	11/10/24	11/10/24
Freon 12	ND		ug/L	1.0	0.2	11/10/24	11/10/24
Chloromethane	ND		ug/L	1.0	0.3	11/10/24	11/10/24
Vinyl Chloride	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Bromomethane	ND		ug/L	1.0	0.4	11/10/24	11/10/24
Chloroethane	ND		ug/L	1.0	0.3	11/10/24	11/10/24
Trichlorofluoromethane	ND		ug/L	1.0	0.08	11/10/24	11/10/24
Acetone	ND		ug/L	21	21	11/10/24	11/10/24
Freon 113	ND		ug/L	2.0	0.1	11/10/24	11/10/24
1,1-Dichloroethene	ND		ug/L	0.5	0.08	11/10/24	11/10/24
Methylene Chloride	ND		ug/L	10	2.4	11/10/24	11/10/24
Carbon Disulfide	ND		ug/L	0.5	0.4	11/10/24	11/10/24
MTBE	ND		ug/L	0.5	0.09	11/10/24	11/10/24
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,1-Dichloroethane	ND		ug/L	0.5	0.09	11/10/24	11/10/24
2-Butanone	ND		ug/L	10	1.7	11/10/24	11/10/24
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
2,2-Dichloropropane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Chloroform	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Bromochloromethane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,1-Dichloropropene	ND		ug/L	0.5	0.08	11/10/24	11/10/24
Carbon Tetrachloride	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,2-Dichloroethane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
Benzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Trichloroethene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
1,2-Dichloropropane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Bromodichloromethane	ND		ug/L	0.5	0.08	11/10/24	11/10/24
Dibromomethane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
4-Methyl-2-Pentanone	ND		ug/L	10	1.0	11/10/24	11/10/24
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.06	11/10/24	11/10/24
Toluene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
2-Hexanone	ND		ug/L	10	0.7	11/10/24	11/10/24
1,3-Dichloropropane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Tetrachloroethene	ND		ug/L	0.5	0.09	11/10/24	11/10/24
Dibromochloromethane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,2-Dibromoethane	ND		ug/L	0.5	0.07	11/10/24	11/10/24
Chlorobenzene	ND		ug/L	0.5	0.09	11/10/24	11/10/24
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Ethylbenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
m,p-Xylenes	ND		ug/L	0.5	0.2	11/10/24	11/10/24
o-Xylene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Styrene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Bromoform	ND		ug/L	1.0	0.2	11/10/24	11/10/24

Batch QC

QC1202901 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Isopropylbenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	11/10/24	11/10/24
Propylbenzene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
Bromobenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
2-Chlorotoluene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
4-Chlorotoluene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
tert-Butylbenzene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
sec-Butylbenzene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
para-Isopropyl Toluene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	11/10/24	11/10/24
n-Butylbenzene	ND		ug/L	0.5	0.4	11/10/24	11/10/24
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	11/10/24	11/10/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.3	11/10/24	11/10/24
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.3	11/10/24	11/10/24
Hexachlorobutadiene	ND		ug/L	2.0	0.4	11/10/24	11/10/24
Naphthalene	ND		ug/L	2.0	0.3	11/10/24	11/10/24
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.3	11/10/24	11/10/24
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.1	11/10/24	11/10/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.1	11/10/24	11/10/24
tert-Butyl Alcohol (TBA)	ND		ug/L	7.6	7.6	11/10/24	11/10/24
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.06	11/10/24	11/10/24
Xylene (total)	ND		ug/L	0.5		11/10/24	11/10/24
Total Trihalomethanes (THMs)	ND		ug/L	0.5		11/10/24	11/10/24
Surrogates				Limits			
Dibromofluoromethane	96%		%REC	70-130		11/10/24	11/10/24
1,2-Dichloroethane-d4	108%		%REC	70-130		11/10/24	11/10/24
Toluene-d8	101%		%REC	70-130		11/10/24	11/10/24
Bromofluorobenzene	103%		%REC	70-130		11/10/24	11/10/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1202902	Batch: 355125
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202902 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	50.16	50.00	ug/L	100%		50-136
Freon 12	49.50	50.00	ug/L	99%		53-130
Chloromethane	60.38	50.00	ug/L	121%		65-130
Vinyl Chloride	44.15	50.00	ug/L	88%		70-130
Bromomethane	45.35	50.00	ug/L	91%		57-151
Chloroethane	35.20	50.00	ug/L	70%		65-129
Trichlorofluoromethane	53.16	50.00	ug/L	106%		70-130
Acetone	125.0	125.0	ug/L	100%		53-134
Freon 113	44.18	50.00	ug/L	88%		70-130
1,1-Dichloroethene	50.09	50.00	ug/L	100%		70-135
Methylene Chloride	35.66	50.00	ug/L	71%		70-130
Carbon Disulfide	40.23	50.00	ug/L	80%		70-130
MTBE	39.53	50.00	ug/L	79%		70-130
trans-1,2-Dichloroethene	51.94	50.00	ug/L	104%		70-130
1,1-Dichloroethane	48.69	50.00	ug/L	97%		70-130
2-Butanone	146.6	125.0	ug/L	117%		56-127
cis-1,2-Dichloroethene	50.23	50.00	ug/L	100%		70-130
2,2-Dichloropropane	45.85	50.00	ug/L	92%		70-130
Chloroform	46.90	50.00	ug/L	94%		70-130
Bromochloromethane	42.71	50.00	ug/L	85%		70-130
1,1,1-Trichloroethane	47.78	50.00	ug/L	96%		70-130
1,1-Dichloropropene	47.43	50.00	ug/L	95%		70-130
Carbon Tetrachloride	55.04	50.00	ug/L	110%		70-130
1,2-Dichloroethane	49.74	50.00	ug/L	99%		70-130
Benzene	44.23	50.00	ug/L	88%		70-130
Trichloroethene	48.34	50.00	ug/L	97%		70-130
1,2-Dichloropropane	52.81	50.00	ug/L	106%		70-130
Bromodichloromethane	52.02	50.00	ug/L	104%		70-130
Dibromomethane	50.53	50.00	ug/L	101%		70-130
4-Methyl-2-Pentanone	141.3	125.0	ug/L	113%		62-126
cis-1,3-Dichloropropene	49.95	50.00	ug/L	100%		70-130
Toluene	45.39	50.00	ug/L	91%		70-130
trans-1,3-Dichloropropene	45.13	50.00	ug/L	90%		70-130
1,1,2-Trichloroethane	46.97	50.00	ug/L	94%		70-130
2-Hexanone	140.8	125.0	ug/L	113%		53-127
1,3-Dichloropropane	47.33	50.00	ug/L	95%		70-130
Tetrachloroethene	51.73	50.00	ug/L	103%		70-130
Dibromochloromethane	56.90	50.00	ug/L	114%		70-130
1,2-Dibromoethane	47.96	50.00	ug/L	96%		70-130
Chlorobenzene	47.55	50.00	ug/L	95%		70-130
1,1,1,2-Tetrachloroethane	53.82	50.00	ug/L	108%		70-130
Ethylbenzene	48.22	50.00	ug/L	96%		70-130
m,p-Xylenes	99.46	100.0	ug/L	99%		70-130
o-Xylene	47.90	50.00	ug/L	96%		70-130
Styrene	48.59	50.00	ug/L	97%		70-130
Bromoform	51.76	50.00	ug/L	104%		70-130
Isopropylbenzene	38.41	50.00	ug/L	77%		70-130

Batch QC

QC1202902 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	39.06	50.00	ug/L	78%		70-130
1,2,3-Trichloropropane	37.82	50.00	ug/L	76%		70-137
Propylbenzene	41.79	50.00	ug/L	84%		70-130
Bromobenzene	39.90	50.00	ug/L	80%		70-130
1,3,5-Trimethylbenzene	41.47	50.00	ug/L	83%		70-130
2-Chlorotoluene	41.53	50.00	ug/L	83%		70-130
4-Chlorotoluene	42.21	50.00	ug/L	84%		70-130
tert-Butylbenzene	40.60	50.00	ug/L	81%		70-130
1,2,4-Trimethylbenzene	40.98	50.00	ug/L	82%		70-130
sec-Butylbenzene	40.27	50.00	ug/L	81%		70-130
para-Isopropyl Toluene	49.93	50.00	ug/L	100%		70-130
1,3-Dichlorobenzene	49.43	50.00	ug/L	99%		70-130
1,4-Dichlorobenzene	50.32	50.00	ug/L	101%		70-130
n-Butylbenzene	50.30	50.00	ug/L	101%		70-133
1,2-Dichlorobenzene	49.47	50.00	ug/L	99%		70-130
1,2-Dibromo-3-Chloropropane	40.65	50.00	ug/L	81%		70-130
1,2,4-Trichlorobenzene	48.65	50.00	ug/L	97%		70-130
Hexachlorobutadiene	51.91	50.00	ug/L	104%		70-147
Naphthalene	43.86	50.00	ug/L	88%		70-130
1,2,3-Trichlorobenzene	48.15	50.00	ug/L	96%		70-130
Isopropyl Ether (DIPE)	51.42	50.00	ug/L	103%		70-130
Ethyl tert-Butyl Ether (ETBE)	44.83	50.00	ug/L	90%		70-130
tert-Butyl Alcohol (TBA)	211.8	250.0	ug/L	85%		48-125
Methyl tert-Amyl Ether (TAME)	37.81	50.00	ug/L	76%		70-130
Surrogates						
Dibromofluoromethane	49.60	50.00	ug/L	99%		70-130
1,2-Dichloroethane-d4	55.07	50.00	ug/L	110%		70-130
Toluene-d8	50.72	50.00	ug/L	101%		70-130
Bromofluorobenzene	43.93	50.00	ug/L	88%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1202903	Batch: 355125
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202903 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	50.24	50.00	ug/L	100%		50-136	0	30
Freon 12	50.53	50.00	ug/L	101%		53-130	2	30
Chloromethane	61.42	50.00	ug/L	123%		65-130	2	30
Vinyl Chloride	45.51	50.00	ug/L	91%		70-130	3	30
Bromomethane	46.60	50.00	ug/L	93%		57-151	3	30
Chloroethane	36.42	50.00	ug/L	73%		65-129	3	30
Trichlorofluoromethane	53.02	50.00	ug/L	106%		70-130	0	30
Acetone	121.0	125.0	ug/L	97%		53-134	3	36
Freon 113	44.16	50.00	ug/L	88%		70-130	0	30
1,1-Dichloroethene	50.36	50.00	ug/L	101%		70-135	1	30
Methylene Chloride	36.61	50.00	ug/L	73%		70-130	3	30
Carbon Disulfide	39.26	50.00	ug/L	79%		70-130	2	30
MTBE	38.49	50.00	ug/L	77%		70-130	3	30
trans-1,2-Dichloroethene	51.70	50.00	ug/L	103%		70-130	0	30
1,1-Dichloroethane	48.58	50.00	ug/L	97%		70-130	0	30
2-Butanone	141.9	125.0	ug/L	113%		56-127	3	30
cis-1,2-Dichloroethene	49.21	50.00	ug/L	98%		70-130	2	30
2,2-Dichloropropane	44.21	50.00	ug/L	88%		70-130	4	30
Chloroform	46.03	50.00	ug/L	92%		70-130	2	30
Bromochloromethane	43.04	50.00	ug/L	86%		70-130	1	30
1,1,1-Trichloroethane	46.27	50.00	ug/L	93%		70-130	3	30
1,1-Dichloropropene	46.14	50.00	ug/L	92%		70-130	3	30
Carbon Tetrachloride	52.85	50.00	ug/L	106%		70-130	4	30
1,2-Dichloroethane	49.24	50.00	ug/L	98%		70-130	1	30
Benzene	43.67	50.00	ug/L	87%		70-130	1	30
Trichloroethene	46.67	50.00	ug/L	93%		70-130	4	30
1,2-Dichloropropane	52.19	50.00	ug/L	104%		70-130	1	30
Bromodichloromethane	50.02	50.00	ug/L	100%		70-130	4	30
Dibromomethane	49.35	50.00	ug/L	99%		70-130	2	30
4-Methyl-2-Pentanone	134.9	125.0	ug/L	108%		62-126	5	30
cis-1,3-Dichloropropene	49.34	50.00	ug/L	99%		70-130	1	30
Toluene	44.77	50.00	ug/L	90%		70-130	1	30
trans-1,3-Dichloropropene	43.87	50.00	ug/L	88%		70-130	3	30
1,1,2-Trichloroethane	46.21	50.00	ug/L	92%		70-130	2	30
2-Hexanone	133.2	125.0	ug/L	107%		53-127	6	30
1,3-Dichloropropane	45.92	50.00	ug/L	92%		70-130	3	30
Tetrachloroethene	50.35	50.00	ug/L	101%		70-130	3	30
Dibromochloromethane	54.51	50.00	ug/L	109%		70-130	4	30
1,2-Dibromoethane	47.20	50.00	ug/L	94%		70-130	2	30
Chlorobenzene	46.19	50.00	ug/L	92%		70-130	3	30
1,1,1,2-Tetrachloroethane	51.53	50.00	ug/L	103%		70-130	4	30
Ethylbenzene	46.70	50.00	ug/L	93%		70-130	3	30
m,p-Xylenes	96.11	100.0	ug/L	96%		70-130	3	30
o-Xylene	46.85	50.00	ug/L	94%		70-130	2	30
Styrene	47.23	50.00	ug/L	94%		70-130	3	30
Bromoform	50.23	50.00	ug/L	100%		70-130	3	30

Batch QC

QC1202903 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	53.55	50.00	ug/L	107%		70-130	33*	30
1,1,2,2-Tetrachloroethane	45.66	50.00	ug/L	91%		70-130	16	30
1,2,3-Trichloropropane	43.19	50.00	ug/L	86%		70-137	13	30
Propylbenzene	48.87	50.00	ug/L	98%		70-130	16	30
Bromobenzene	51.74	50.00	ug/L	103%		70-130	26	30
1,3,5-Trimethylbenzene	48.87	50.00	ug/L	98%		70-130	16	30
2-Chlorotoluene	48.88	50.00	ug/L	98%		70-130	16	30
4-Chlorotoluene	49.38	50.00	ug/L	99%		70-130	16	30
tert-Butylbenzene	47.47	50.00	ug/L	95%		70-130	16	30
1,2,4-Trimethylbenzene	48.58	50.00	ug/L	97%		70-130	17	30
sec-Butylbenzene	47.11	50.00	ug/L	94%		70-130	16	30
para-Isopropyl Toluene	49.50	50.00	ug/L	99%		70-130	1	30
1,3-Dichlorobenzene	49.41	50.00	ug/L	99%		70-130	0	30
1,4-Dichlorobenzene	49.17	50.00	ug/L	98%		70-130	2	30
n-Butylbenzene	49.58	50.00	ug/L	99%		70-133	1	30
1,2-Dichlorobenzene	49.66	50.00	ug/L	99%		70-130	0	30
1,2-Dibromo-3-Chloropropane	46.87	50.00	ug/L	94%		70-130	14	30
1,2,4-Trichlorobenzene	58.94	50.00	ug/L	118%		70-130	19	30
Hexachlorobutadiene	61.97	50.00	ug/L	124%		70-147	18	30
Naphthalene	52.88	50.00	ug/L	106%		70-130	19	30
1,2,3-Trichlorobenzene	57.82	50.00	ug/L	116%		70-130	18	30
Isopropyl Ether (DIPE)	50.53	50.00	ug/L	101%		70-130	2	30
Ethyl tert-Butyl Ether (ETBE)	44.35	50.00	ug/L	89%		70-130	1	30
tert-Butyl Alcohol (TBA)	215.5	250.0	ug/L	86%		48-125	2	30
Methyl tert-Amyl Ether (TAME)	37.70	50.00	ug/L	75%		70-130	0	30
Surrogates								
Dibromofluoromethane	49.82	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	54.67	50.00	ug/L	109%		70-130		
Toluene-d8	50.59	50.00	ug/L	101%		70-130		
Bromofluorobenzene	60.39	50.00	ug/L	121%		70-130		

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1202904
Method: EPA 624.1

Batch: 355125
Prep Method: EPA 624.1

QC1202904 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	32.03	50.00	ug/L	64%	b,*	70-130
Surrogates						
Dibromofluoromethane	48.80	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	53.55	50.00	ug/L	107%		70-130
Toluene-d8	50.43	50.00	ug/L	101%		70-130
Bromofluorobenzene	52.00	50.00	ug/L	104%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1202933	Batch: 355125
Matrix (Source ID): Water (519694-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202933 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	50.52	ND	50.00	ug/L	101%		59-129	1
Freon 12	43.46	ND	50.00	ug/L	87%		54-130	1
Chloromethane	58.09	ND	50.00	ug/L	116%		65-130	1
Vinyl Chloride	41.93	ND	50.00	ug/L	84%		70-130	1
Bromomethane	46.30	ND	50.00	ug/L	93%		58-141	1
Chloroethane	39.97	ND	50.00	ug/L	80%		52-141	1
Trichlorofluoromethane	61.79	ND	50.00	ug/L	124%		70-130	1
Acetone	126.4	ND	125.0	ug/L	101%		53-129	1
Freon 113	53.40	0.2040	50.00	ug/L	106%		70-130	1
1,1-Dichloroethene	58.37	ND	50.00	ug/L	117%		70-130	1
Methylene Chloride	38.94	ND	50.00	ug/L	78%		67-130	1
Carbon Disulfide	44.56	ND	50.00	ug/L	89%		70-130	1
MTBE	41.51	0.09414	50.00	ug/L	83%		75-130	1
trans-1,2-Dichloroethene	57.06	ND	50.00	ug/L	114%		70-130	1
1,1-Dichloroethane	52.73	0.1184	50.00	ug/L	105%		70-130	1
2-Butanone	159.2	ND	125.0	ug/L	127%	*	55-126	1
cis-1,2-Dichloroethene	55.16	0.8070	50.00	ug/L	109%		80-130	1
2,2-Dichloropropane	51.17	ND	50.00	ug/L	102%		77-130	1
Chloroform	50.75	ND	50.00	ug/L	101%		70-130	1
Bromochloromethane	46.91	ND	50.00	ug/L	94%		70-130	1
1,1,1-Trichloroethane	51.31	ND	50.00	ug/L	103%		70-130	1
1,1-Dichloropropene	53.45	ND	50.00	ug/L	107%		70-130	1
Carbon Tetrachloride	60.27	ND	50.00	ug/L	121%		70-130	1
1,2-Dichloroethane	53.82	ND	50.00	ug/L	108%		70-130	1
Benzene	48.16	ND	50.00	ug/L	96%		70-130	1
Trichloroethene	53.64	0.6663	50.00	ug/L	106%		63-130	1
1,2-Dichloropropane	56.84	ND	50.00	ug/L	114%		70-130	1
Bromodichloromethane	54.94	ND	50.00	ug/L	110%		70-130	1
Dibromomethane	55.94	ND	50.00	ug/L	112%		70-130	1
4-Methyl-2-Pentanone	156.0	ND	125.0	ug/L	125%		59-130	1
cis-1,3-Dichloropropene	55.20	ND	50.00	ug/L	110%		70-130	1
Toluene	49.36	ND	50.00	ug/L	99%		70-130	1
trans-1,3-Dichloropropene	48.63	ND	50.00	ug/L	97%		70-130	1
1,1,2-Trichloroethane	49.99	ND	50.00	ug/L	100%		70-130	1
2-Hexanone	152.2	ND	125.0	ug/L	122%		52-130	1
1,3-Dichloropropane	50.81	ND	50.00	ug/L	102%		70-130	1
Tetrachloroethene	56.36	0.1494	50.00	ug/L	112%		49-130	1
Dibromochloromethane	60.16	ND	50.00	ug/L	120%		70-130	1
1,2-Dibromoethane	52.21	ND	50.00	ug/L	104%		70-130	1
Chlorobenzene	50.47	ND	50.00	ug/L	101%		70-130	1
1,1,1,2-Tetrachloroethane	57.41	ND	50.00	ug/L	115%		70-130	1
Ethylbenzene	53.49	ND	50.00	ug/L	107%		70-130	1
m,p-Xylenes	109.0	ND	100.0	ug/L	109%		70-131	1
o-Xylene	53.26	ND	50.00	ug/L	107%		70-130	1
Styrene	50.79	ND	50.00	ug/L	102%		67-130	1

Batch QC

QC1202933 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	55.62	ND	50.00	ug/L	111%		70-130	1
Isopropylbenzene	53.79	ND	50.00	ug/L	108%		70-130	1
1,1,2,2-Tetrachloroethane	49.57	ND	50.00	ug/L	99%		70-141	1
1,2,3-Trichloropropane	48.55	ND	50.00	ug/L	97%		70-138	1
Propylbenzene	56.53	ND	50.00	ug/L	113%		70-134	1
Bromobenzene	52.77	ND	50.00	ug/L	106%		70-130	1
1,3,5-Trimethylbenzene	57.14	ND	50.00	ug/L	114%		70-130	1
2-Chlorotoluene	55.54	ND	50.00	ug/L	111%		70-131	1
4-Chlorotoluene	52.90	ND	50.00	ug/L	106%		70-133	1
tert-Butylbenzene	56.25	ND	50.00	ug/L	113%		70-130	1
1,2,4-Trimethylbenzene	55.34	ND	50.00	ug/L	111%		70-130	1
sec-Butylbenzene	56.84	ND	50.00	ug/L	114%		70-132	1
para-Isopropyl Toluene	59.28	ND	50.00	ug/L	119%		70-130	1
1,3-Dichlorobenzene	54.60	ND	50.00	ug/L	109%		70-130	1
1,4-Dichlorobenzene	52.30	ND	50.00	ug/L	105%		70-130	1
n-Butylbenzene	60.71	ND	50.00	ug/L	121%		70-138	1
1,2-Dichlorobenzene	54.41	ND	50.00	ug/L	109%		70-130	1
1,2-Dibromo-3-Chloropropane	50.85	ND	50.00	ug/L	102%		70-130	1
1,2,4-Trichlorobenzene	65.42	ND	50.00	ug/L	131%		70-133	1
Hexachlorobutadiene	80.74	ND	50.00	ug/L	161%	*	70-148	1
Naphthalene	56.93	ND	50.00	ug/L	114%		70-144	1
1,2,3-Trichlorobenzene	62.53	ND	50.00	ug/L	125%		70-131	1
Isopropyl Ether (DIPE)	103.5	ND	100.0	ug/L	103%		70-130	1
Ethyl tert-Butyl Ether (ETBE)	47.49	ND	50.00	ug/L	95%		70-130	1
tert-Butyl Alcohol (TBA)	211.6	ND	250.0	ug/L	85%		51-122	1
Methyl tert-Amyl Ether (TAME)	39.85	ND	50.00	ug/L	80%		70-130	1
Surrogates								
Dibromofluoromethane	49.93		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	54.26		50.00	ug/L	109%		70-130	1
Toluene-d8	50.47		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	52.03		50.00	ug/L	104%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1202934	Batch: 355125
Matrix (Source ID): Water (519694-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1202934 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	52.32	ND	50.00	ug/L	105%		59-129	3	25	1
Freon 12	41.29	ND	50.00	ug/L	83%		54-130	5	30	1
Chloromethane	58.38	ND	50.00	ug/L	117%		65-130	0	30	1
Vinyl Chloride	44.32	ND	50.00	ug/L	89%		70-130	6	30	1
Bromomethane	44.29	ND	50.00	ug/L	89%		58-141	4	26	1
Chloroethane	39.55	ND	50.00	ug/L	79%		52-141	1	46	1
Trichlorofluoromethane	58.60	ND	50.00	ug/L	117%		70-130	5	30	1
Acetone	133.1	ND	125.0	ug/L	106%		53-129	5	28	1
Freon 113	55.17	0.2040	50.00	ug/L	110%		70-130	3	30	1
1,1-Dichloroethene	61.75	ND	50.00	ug/L	123%		70-130	6	30	1
Methylene Chloride	39.04	ND	50.00	ug/L	78%		67-130	0	30	1
Carbon Disulfide	45.47	ND	50.00	ug/L	91%		70-130	2	30	1
MTBE	42.86	0.09414	50.00	ug/L	86%		75-130	3	30	1
trans-1,2-Dichloroethene	59.16	ND	50.00	ug/L	118%		70-130	4	30	1
1,1-Dichloroethane	54.64	0.1184	50.00	ug/L	109%		70-130	4	30	1
2-Butanone	167.7	ND	125.0	ug/L	134%	*	55-126	5	26	1
cis-1,2-Dichloroethene	57.01	0.8070	50.00	ug/L	112%		80-130	3	30	1
2,2-Dichloropropane	53.12	ND	50.00	ug/L	106%		77-130	4	30	1
Chloroform	52.44	ND	50.00	ug/L	105%		70-130	3	30	1
Bromochloromethane	49.31	ND	50.00	ug/L	99%		70-130	5	30	1
1,1,1-Trichloroethane	53.48	ND	50.00	ug/L	107%		70-130	4	30	1
1,1-Dichloropropene	55.83	ND	50.00	ug/L	112%		70-130	4	30	1
Carbon Tetrachloride	63.38	ND	50.00	ug/L	127%		70-130	5	30	1
1,2-Dichloroethane	55.51	ND	50.00	ug/L	111%		70-130	3	30	1
Benzene	49.75	ND	50.00	ug/L	100%		70-130	3	30	1
Trichloroethene	55.42	0.6663	50.00	ug/L	110%		63-130	3	30	1
1,2-Dichloropropane	57.69	ND	50.00	ug/L	115%		70-130	1	30	1
Bromodichloromethane	56.25	ND	50.00	ug/L	112%		70-130	2	30	1
Dibromomethane	56.64	ND	50.00	ug/L	113%		70-130	1	30	1
4-Methyl-2-Pentanone	161.2	ND	125.0	ug/L	129%		59-130	3	24	1
cis-1,3-Dichloropropene	56.83	ND	50.00	ug/L	114%		70-130	3	30	1
Toluene	50.74	ND	50.00	ug/L	101%		70-130	3	30	1
trans-1,3-Dichloropropene	50.17	ND	50.00	ug/L	100%		70-130	3	30	1
1,1,2-Trichloroethane	51.80	ND	50.00	ug/L	104%		70-130	4	30	1
2-Hexanone	159.3	ND	125.0	ug/L	127%		52-130	5	27	1
1,3-Dichloropropane	64.13	ND	50.00	ug/L	128%		70-130	23	30	1
Tetrachloroethene	58.93	0.1494	50.00	ug/L	118%		49-130	4	30	1
Dibromochloromethane	71.36	ND	50.00	ug/L	143%	*	70-130	17	30	1
1,2-Dibromoethane	64.18	ND	50.00	ug/L	128%		70-130	21	30	1
Chlorobenzene	52.13	ND	50.00	ug/L	104%		70-130	3	30	1
1,1,1,2-Tetrachloroethane	59.40	ND	50.00	ug/L	119%		70-130	3	30	1
Ethylbenzene	54.82	ND	50.00	ug/L	110%		70-130	2	30	1
m,p-Xylenes	111.4	ND	100.0	ug/L	111%		70-131	2	30	1
o-Xylene	54.85	ND	50.00	ug/L	110%		70-130	3	30	1
Styrene	50.10	ND	50.00	ug/L	100%		67-130	1	30	1

Batch QC

QC1202934 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	57.31	ND	50.00	ug/L	115%		70-130	3	30	1
Isopropylbenzene	55.18	ND	50.00	ug/L	110%		70-130	3	30	1
1,1,2,2-Tetrachloroethane	50.94	ND	50.00	ug/L	102%		70-141	3	30	1
1,2,3-Trichloropropane	50.89	ND	50.00	ug/L	102%		70-138	5	30	1
Propylbenzene	57.94	ND	50.00	ug/L	116%		70-134	2	30	1
Bromobenzene	54.15	ND	50.00	ug/L	108%		70-130	3	30	1
1,3,5-Trimethylbenzene	58.98	ND	50.00	ug/L	118%		70-130	3	30	1
2-Chlorotoluene	57.19	ND	50.00	ug/L	114%		70-131	3	30	1
4-Chlorotoluene	57.28	ND	50.00	ug/L	115%		70-133	8	30	1
tert-Butylbenzene	57.18	ND	50.00	ug/L	114%		70-130	2	30	1
1,2,4-Trimethylbenzene	56.81	ND	50.00	ug/L	114%		70-130	3	30	1
sec-Butylbenzene	58.01	ND	50.00	ug/L	116%		70-132	2	30	1
para-Isopropyl Toluene	60.19	ND	50.00	ug/L	120%		70-130	2	30	1
1,3-Dichlorobenzene	55.42	ND	50.00	ug/L	111%		70-130	1	30	1
1,4-Dichlorobenzene	54.04	ND	50.00	ug/L	108%		70-130	3	30	1
n-Butylbenzene	61.71	ND	50.00	ug/L	123%		70-138	2	30	1
1,2-Dichlorobenzene	55.21	ND	50.00	ug/L	110%		70-130	1	30	1
1,2-Dibromo-3-Chloropropane	61.27	ND	50.00	ug/L	123%		70-130	19	30	1
1,2,4-Trichlorobenzene	80.56	ND	50.00	ug/L	161%	*	70-133	21	30	1
Hexachlorobutadiene	94.78	ND	50.00	ug/L	190%	*	70-148	16	30	1
Naphthalene	60.07	ND	50.00	ug/L	120%		70-144	5	30	1
1,2,3-Trichlorobenzene	63.72	ND	50.00	ug/L	127%		70-131	2	30	1
Isopropyl Ether (DIPE)	107.3	ND	100.0	ug/L	107%		70-130	4	30	1
Ethyl tert-Butyl Ether (ETBE)	48.86	ND	50.00	ug/L	98%		70-130	3	30	1
tert-Butyl Alcohol (TBA)	234.5	ND	250.0	ug/L	94%		51-122	10	33	1
Methyl tert-Amyl Ether (TAME)	41.72	ND	50.00	ug/L	83%		70-130	5	30	1
Surrogates										
Dibromofluoromethane	50.06		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	54.28		50.00	ug/L	109%		70-130			1
Toluene-d8	50.29		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	52.61		50.00	ug/L	105%		70-130			1

* Value is outside QC limits

J Estimated value

ND Not Detected

b See narrative

