

Archived: Friday, August 16, 2024 9:37:40 AM
From: [Steve Cassulo](#)
Sent: Tue, 13 Aug 2024 01:15:52
To: bchen@aqmd.gov ndickel@aqmd.gov [Christina Ojeda](#)
Cc: [Nicole Ward](#)
Subject: Chiquita Canyon Landfill – Condition 38 Sampling Submission
Importance: Normal
Sensitivity: None
Attachments:
[513364_level2.pdf](#)  [Condition 38 Map.pdf](#) 

[EXTERNAL SENDER: Use caution with links/attachments]

All,

In accordance with Condition 38 of the Stipulated Order for Abatement in Case No. 6177-4, Chiquita Canyon, LLC attaches the leachate analytical results from its monthly representative sampling of liquids from the Reaction Area and bottom tanks. In the attached analytical results, received on August 7, 2024, sample ID CACA0801Z007LCM corresponds to the sample taken from the #4 LC Manifold tanks and sample ID CACA0801Z001A corresponds to the sample taken from a sampling port that was installed upstream of the #7 Tank Farm Group A tanks. A map of these sampling points is attached for reference. The sampling point at the #4 LC Manifold tanks is the representative monthly sample from the area of the Landfill that is not affected by the reaction. The #4 LC Manifold tanks receive the gravity-fed leachate from the landfill liner. These tanks are also referred to as the “bottom tanks”, and they collect liquids/leachate from the entire Landfill. The sampling point at the sampling port upstream of the #7 Tank Farm Group A tanks (which is a group of tanks located within the #7 Tank Farm as shown on the attached map) is the representative monthly sample from the Reaction Area. This group of tanks collects liquids/leachate pumped from across the Reaction Area.

Steve Cassulo
District Manager
661-371-9214



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

enthalpy.com

Lab Job Number : 513364
Report Level : II
Report Date : 08/07/2024

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

Sample Summary

Helen Dubach	Lab Job #:	513364
CTEH Chiquita Canyon	Project No:	CHIQUITA MONTHLY
Landfill - PROJ-037507	Location:	Monthly EPA 624.1 - SOFA Condition 38
5120 Northshore Drive	Date Received:	08/02/24
North Little Rock, AR		
72118		

Sample ID	Lab ID	Collected	Matrix
CACA0801Z001A	513364-001	08/01/24 13:00	Water
CACA0801Z007LCM	513364-002	08/01/24 13:20	Water
CACA0801TB01(TRIPP)	513364-003	08/01/24 13:21	Water

Case Narrative

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

Lab Job 513364
Number:
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA
Condition 38

Date Received: 08/02/24

This data package contains sample and QC results for three water samples, requested for the above referenced project on 08/02/24. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 624.1):

- High response was observed for acrolein in the CCV analyzed 08/02/24 08:01; affected data was qualified with "b".
- High response was observed for bromomethane in the CCV analyzed 08/02/24 08:25; affected data was qualified with "b".
- High response was observed for bromomethane in the CCV analyzed 08/03/24 10:22; affected data was qualified with "b".
- High response was observed for acrolein in the CCV analyzed 08/03/24 09:58; affected data was qualified with "b".
- High recovery was observed for acrolein in the LCS for batch 346704; this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for 2,2-dichloropropane in the MS/MSD for batch 346704; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits. High recovery was observed for acetone in the MS for batch 346704; the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated sample.
- High recovery was observed for acrolein in the LCS for batch 346789; this analyte was not detected at or above the RL in the associated sample.
- High recoveries were observed for acetone and 2-butanone in the MS/MSD for batch 346789; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- CACA0801Z001A (lab # 513364-001), CACA0801Z007LCM (lab # 513364-002), and CACA0801TB01(TRIPP) (lab # 513364-003) 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 #: 513364
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 08/02/24

Sample ID: CACA0801Z001A

Lab ID: 513364-001

Collected: 08/01/24 13:00

Matrix: Water

513364-001 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	79,000		ug/L	22,000	22,000
Carbon Disulfide	77		ug/L	29	29
MTBE	6.9	J	ug/L	25	6.1
2-Butanone	42,000		ug/L	5,000	1,100
Benzene	210		ug/L	25	4.2
4-Methyl-2-Pentanone	700		ug/L	500	67
Toluene	10	J	ug/L	25	7.0
2-Hexanone	190	J	ug/L	500	58
tert-Butyl Alcohol (TBA)	2,600		ug/L	500	230

Sample ID: CACA0801Z007LCM

Lab ID: 513364-002

Collected: 08/01/24 13:20

Matrix: Water

513364-002 Analyte

Method: EPA 624.1

Prep Method: EPA 624.1

	Result	Qual	Units	RL	MDL
Acetone	220		ug/L	87	87
MTBE	0.4	J	ug/L	1.0	0.2
2-Butanone	140		ug/L	20	4.6
cis-1,2-Dichloroethene	1.1		ug/L	1.0	0.3
1,2-Dichloroethane	0.2	J	ug/L	1.0	0.1
Benzene	9.5		ug/L	1.0	0.2
4-Methyl-2-Pentanone	9.5	J	ug/L	20	2.7
Toluene	27		ug/L	1.0	0.3
Chlorobenzene	0.7	J	ug/L	1.0	0.6
Ethylbenzene	12		ug/L	1.0	0.2
m,p-Xylenes	17		ug/L	1.0	0.3
o-Xylene	9.7		ug/L	1.0	0.3
Styrene	1.3		ug/L	1.0	0.4
Isopropylbenzene	1.3		ug/L	1.0	0.2
Propylbenzene	1.1		ug/L	1.0	0.2
1,3,5-Trimethylbenzene	2.4		ug/L	1.0	0.2
2-Chlorotoluene	0.6	J	ug/L	1.0	0.2
1,2,4-Trimethylbenzene	7.7		ug/L	1.0	0.3
para-Isopropyl Toluene	15		ug/L	1.0	0.2
1,4-Dichlorobenzene	9.0		ug/L	1.0	0.3
1,2-Dichlorobenzene	0.4	J	ug/L	1.0	0.2
Naphthalene	11		ug/L	4.0	0.7
tert-Butyl Alcohol (TBA)	910		ug/L	20	9.3
Xylene (total)	27		ug/L	1.0	

Detection Summary

Sample ID: CACA0801TB01(TRIPP)

Lab ID: 513364-003

Collected: 08/01/24 13:21

No Detections

J Estimated value

6 of 33



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CTEH

Project: Monthly - 624.1

Date Received: 8/2/24

Sampler's Name Present: ☐ Yes ☒ No

Section 2

Sample(s) received in a cooler? ☒ Yes, How many? 1 ☐ NO (skip section 2)

Sample Temp (°C)
(No Cooler) : _____

Sample Temp (°C), One from each cooler: #1: 4.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☒ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam
☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.2 #2: _____ #3: _____ #4: _____

Section 4

	YES	NO	N/A
Was a COC received?	☒	☐	☐
Are sample IDs present?	☒	☐	☐
Are sampling dates & times present?	☒	☐	☐
Is a relinquished signature present?	☒	☐	☐
Are the tests required clearly indicated on the COC?	☒	☐	☐
Are custody seals present?	☒	☐	☐
If custody seals are present, were they intact?	☒	☐	☐
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	☒	☐	☐
Did all samples arrive intact? If no, indicate in Section 4 below.	☒	☐	☐
Did all bottle labels agree with COC? (ID, dates and times)	☒	☐	☐
Were the samples collected in the correct containers for the required tests?	☒	☐	☐
Are the containers labeled with the correct preservatives?	☒	☐	☐
Is there headspace in the VOA vials greater than 5-6 mm in diameter?	☒	☐	☐
Was a sufficient amount of sample submitted for the requested tests?	☒	☐	☐

Section 5 Explanations/Comments

HEADSPACE > 6 mm in 4/4 vials of sample -001 AND 2/4 vials of sample -002. TEST METHOD NOT MARKED ON COC.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time: _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By: [Signature] Date: 8/2/24

Enthalpy Analytical, a subsidiary of Montrose Environmental Group, Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal

Sample Acceptance Checklist - Rev 4, 8/8/2017

Analysis Results for 513364

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

Lab Job #: 513364
Project No: CHIQUITA MONTHLY
Location: Monthly EPA 624.1 - SOFA Condition 38
Date Received: 08/02/24

Sample ID: CACA0801Z001A

Lab ID: 513364-001

Collected: 08/01/24 13:00

Matrix: Water

513364-001 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	346704	08/02/24	08/02/24	LYZ
Acrylonitrile	ND		ug/L	100	46	50	346704	08/02/24	08/02/24	LYZ
Freon 12	ND		ug/L	50	4.3	50	346704	08/02/24	08/02/24	LYZ
Chloromethane	ND		ug/L	50	12	50	346704	08/02/24	08/02/24	LYZ
Vinyl Chloride	ND		ug/L	25	5.3	50	346704	08/02/24	08/02/24	LYZ
Bromomethane	ND		ug/L	50	13	50	346704	08/02/24	08/02/24	LYZ
Chloroethane	ND		ug/L	50	12	50	346704	08/02/24	08/02/24	LYZ
2-Chloroethylvinylether	ND		ug/L	250	76	50	346704	08/02/24	08/02/24	LYZ
Trichlorofluoromethane	ND		ug/L	50	5.1	50	346704	08/02/24	08/02/24	LYZ
Acetone	79,000		ug/L	22,000	22,000	500	346789	08/03/24	08/03/24	HMN
Freon 113	ND		ug/L	100	4.1	50	346704	08/02/24	08/02/24	LYZ
1,1-Dichloroethene	ND		ug/L	25	5.3	50	346704	08/02/24	08/02/24	LYZ
Methylene Chloride	ND		ug/L	500	190	50	346704	08/02/24	08/02/24	LYZ
Carbon Disulfide	77		ug/L	29	29	50	346704	08/02/24	08/02/24	LYZ
MTBE	6.9	J	ug/L	25	6.1	50	346704	08/02/24	08/02/24	LYZ
trans-1,2-Dichloroethene	ND		ug/L	25	4.4	50	346704	08/02/24	08/02/24	LYZ
1,1-Dichloroethane	ND		ug/L	25	3.1	50	346704	08/02/24	08/02/24	LYZ
2-Butanone	42,000		ug/L	5,000	1,100	500	346789	08/03/24	08/03/24	HMN
cis-1,2-Dichloroethene	ND		ug/L	25	7.0	50	346704	08/02/24	08/02/24	LYZ
2,2-Dichloropropane	ND		ug/L	25	12	50	346704	08/02/24	08/02/24	LYZ
Chloroform	ND		ug/L	25	4.1	50	346704	08/02/24	08/02/24	LYZ
Bromochloromethane	ND		ug/L	25	8.7	50	346704	08/02/24	08/02/24	LYZ
1,1,1-Trichloroethane	ND		ug/L	25	6.8	50	346704	08/02/24	08/02/24	LYZ
1,1-Dichloropropene	ND		ug/L	25	8.3	50	346704	08/02/24	08/02/24	LYZ
Carbon Tetrachloride	ND		ug/L	25	2.4	50	346704	08/02/24	08/02/24	LYZ
1,2-Dichloroethane	ND		ug/L	25	3.2	50	346704	08/02/24	08/02/24	LYZ
Benzene	210		ug/L	25	4.2	50	346704	08/02/24	08/02/24	LYZ
Trichloroethene	ND		ug/L	25	7.0	50	346704	08/02/24	08/02/24	LYZ
1,2-Dichloropropane	ND		ug/L	25	5.7	50	346704	08/02/24	08/02/24	LYZ
Bromodichloromethane	ND		ug/L	25	2.9	50	346704	08/02/24	08/02/24	LYZ
Dibromomethane	ND		ug/L	25	6.0	50	346704	08/02/24	08/02/24	LYZ
4-Methyl-2-Pentanone	700		ug/L	500	67	50	346704	08/02/24	08/02/24	LYZ
cis-1,3-Dichloropropene	ND		ug/L	25	3.5	50	346704	08/02/24	08/02/24	LYZ
Toluene	10	J	ug/L	25	7.0	50	346704	08/02/24	08/02/24	LYZ
trans-1,3-Dichloropropene	ND		ug/L	25	9.6	50	346704	08/02/24	08/02/24	LYZ
1,1,2-Trichloroethane	ND		ug/L	25	9.0	50	346704	08/02/24	08/02/24	LYZ
2-Hexanone	190	J	ug/L	500	58	50	346704	08/02/24	08/02/24	LYZ
1,3-Dichloropropane	ND		ug/L	25	4.7	50	346704	08/02/24	08/02/24	LYZ
Tetrachloroethene	ND		ug/L	25	11	50	346704	08/02/24	08/02/24	LYZ
Dibromochloromethane	ND		ug/L	25	6.4	50	346704	08/02/24	08/02/24	LYZ
1,2-Dibromoethane	ND		ug/L	25	8.3	50	346704	08/02/24	08/02/24	LYZ

Analysis Results for 513364

513364-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chlorobenzene	ND		ug/L	25	16	50	346704	08/02/24	08/02/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	25	3.5	50	346704	08/02/24	08/02/24	LYZ
Ethylbenzene	ND		ug/L	25	6.1	50	346704	08/02/24	08/02/24	LYZ
m,p-Xylenes	ND		ug/L	25	7.6	50	346704	08/02/24	08/02/24	LYZ
o-Xylene	ND		ug/L	25	6.5	50	346704	08/02/24	08/02/24	LYZ
Styrene	ND		ug/L	25	9.3	50	346704	08/02/24	08/02/24	LYZ
Bromoform	ND		ug/L	50	7.1	50	346704	08/02/24	08/02/24	LYZ
Isopropylbenzene	ND		ug/L	25	4.8	50	346704	08/02/24	08/02/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	25	6.3	50	346704	08/02/24	08/02/24	LYZ
1,2,3-Trichloropropane	ND		ug/L	25	12	50	346704	08/02/24	08/02/24	LYZ
Propylbenzene	ND		ug/L	25	5.9	50	346704	08/02/24	08/02/24	LYZ
Bromobenzene	ND		ug/L	25	5.5	50	346704	08/02/24	08/02/24	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	25	5.7	50	346704	08/02/24	08/02/24	LYZ
2-Chlorotoluene	ND		ug/L	25	5.2	50	346704	08/02/24	08/02/24	LYZ
4-Chlorotoluene	ND		ug/L	25	5.9	50	346704	08/02/24	08/02/24	LYZ
tert-Butylbenzene	ND		ug/L	25	7.9	50	346704	08/02/24	08/02/24	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	25	6.4	50	346704	08/02/24	08/02/24	LYZ
sec-Butylbenzene	ND		ug/L	25	7.0	50	346704	08/02/24	08/02/24	LYZ
para-Isopropyl Toluene	ND		ug/L	25	6.0	50	346704	08/02/24	08/02/24	LYZ
1,3-Dichlorobenzene	ND		ug/L	25	6.0	50	346704	08/02/24	08/02/24	LYZ
1,4-Dichlorobenzene	ND		ug/L	25	7.4	50	346704	08/02/24	08/02/24	LYZ
n-Butylbenzene	ND		ug/L	25	10	50	346704	08/02/24	08/02/24	LYZ
1,2-Dichlorobenzene	ND		ug/L	25	5.4	50	346704	08/02/24	08/02/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	100	27	50	346704	08/02/24	08/02/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	25	8.9	50	346704	08/02/24	08/02/24	LYZ
Hexachlorobutadiene	ND		ug/L	100	6.2	50	346704	08/02/24	08/02/24	LYZ
Naphthalene	ND		ug/L	100	19	50	346704	08/02/24	08/02/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	25	9.5	50	346704	08/02/24	08/02/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/L	25	8.5	50	346704	08/02/24	08/02/24	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	25	4.5	50	346704	08/02/24	08/02/24	LYZ
tert-Butyl Alcohol (TBA)	2,600		ug/L	500	230	50	346704	08/02/24	08/02/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/L	25	4.6	50	346704	08/02/24	08/02/24	LYZ
Xylene (total)	ND		ug/L	25		50	346704	08/02/24	08/02/24	LYZ
Total Trihalomethanes (THMs)	ND		ug/L	25		50	346704	08/02/24	08/02/24	LYZ
Surrogates	Limits									
Dibromofluoromethane	110%		%REC	70-130		50	346704	08/02/24	08/02/24	LYZ
1,2-Dichloroethane-d4	91%		%REC	70-130		50	346704	08/02/24	08/02/24	LYZ
Toluene-d8	98%		%REC	70-130		50	346704	08/02/24	08/02/24	LYZ
Bromofluorobenzene	99%		%REC	70-130		50	346704	08/02/24	08/02/24	LYZ

Analysis Results for 513364

Sample ID: CACA0801Z007LCM
Lab ID: 513364-002
Collected: 08/01/24 13:20
Matrix: Water

513364-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 624.1										
Prep Method: EPA 624.1										
Acrolein	ND		ug/L	10	4.2	2	346789	08/03/24	08/03/24	LYZ
Acrylonitrile	ND		ug/L	4.0	1.8	2	346789	08/03/24	08/03/24	LYZ
Freon 12	ND		ug/L	2.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Chloromethane	ND		ug/L	2.0	0.5	2	346789	08/03/24	08/03/24	LYZ
Vinyl Chloride	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Bromomethane	ND		ug/L	2.0	0.5	2	346789	08/03/24	08/03/24	LYZ
Chloroethane	ND		ug/L	2.0	0.5	2	346789	08/03/24	08/03/24	LYZ
2-Chloroethylvinylether	ND		ug/L	10	3.0	2	346789	08/03/24	08/03/24	LYZ
Trichlorofluoromethane	ND		ug/L	2.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Acetone	220		ug/L	87	87	2	346789	08/03/24	08/03/24	LYZ
Freon 113	ND		ug/L	4.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,1-Dichloroethene	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Methylene Chloride	ND		ug/L	20	7.4	2	346789	08/03/24	08/03/24	LYZ
Carbon Disulfide	ND		ug/L	1.1	1.1	2	346789	08/03/24	08/03/24	LYZ
MTBE	0.4	J	ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
trans-1,2-Dichloroethene	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,1-Dichloroethane	ND		ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
2-Butanone	140		ug/L	20	4.6	2	346789	08/03/24	08/03/24	LYZ
cis-1,2-Dichloroethene	1.1		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
2,2-Dichloropropane	ND		ug/L	1.0	0.5	2	346789	08/03/24	08/03/24	LYZ
Chloroform	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Bromochloromethane	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,1,1-Trichloroethane	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,1-Dichloropropene	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
Carbon Tetrachloride	ND		ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
1,2-Dichloroethane	0.2	J	ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
Benzene	9.5		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Trichloroethene	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,2-Dichloropropane	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Bromodichloromethane	ND		ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
Dibromomethane	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
4-Methyl-2-Pentanone	9.5	J	ug/L	20	2.7	2	346789	08/03/24	08/03/24	LYZ
cis-1,3-Dichloropropene	ND		ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
Toluene	27		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
trans-1,3-Dichloropropene	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
1,1,2-Trichloroethane	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
2-Hexanone	ND		ug/L	20	2.3	2	346789	08/03/24	08/03/24	LYZ
1,3-Dichloropropane	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Tetrachloroethene	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
Dibromochloromethane	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,2-Dibromoethane	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
Chlorobenzene	0.7	J	ug/L	1.0	0.6	2	346789	08/03/24	08/03/24	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	0.1	2	346789	08/03/24	08/03/24	LYZ
Ethylbenzene	12		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
m,p-Xylenes	17		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ

Analysis Results for 513364

513364-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	9.7		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
Styrene	1.3		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
Bromoform	ND		ug/L	2.0	0.3	2	346789	08/03/24	08/03/24	LYZ
Isopropylbenzene	1.3		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,2,3-Trichloropropane	ND		ug/L	1.0	0.5	2	346789	08/03/24	08/03/24	LYZ
Propylbenzene	1.1		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Bromobenzene	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,3,5-Trimethylbenzene	2.4		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
2-Chlorotoluene	0.6	J	ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
4-Chlorotoluene	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
tert-Butylbenzene	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
1,2,4-Trimethylbenzene	7.7		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
sec-Butylbenzene	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
para-Isopropyl Toluene	15		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,3-Dichlorobenzene	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,4-Dichlorobenzene	9.0		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
n-Butylbenzene	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
1,2-Dichlorobenzene	0.4	J	ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	4.0	1.1	2	346789	08/03/24	08/03/24	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
Hexachlorobutadiene	ND		ug/L	4.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Naphthalene	11		ug/L	4.0	0.7	2	346789	08/03/24	08/03/24	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	1.0	0.4	2	346789	08/03/24	08/03/24	LYZ
Isopropyl Ether (DIPE)	ND		ug/L	1.0	0.3	2	346789	08/03/24	08/03/24	LYZ
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
tert-Butyl Alcohol (TBA)	910		ug/L	20	9.3	2	346789	08/03/24	08/03/24	LYZ
Methyl tert-Amyl Ether (TAME)	ND		ug/L	1.0	0.2	2	346789	08/03/24	08/03/24	LYZ
Xylene (total)	27		ug/L	1.0		2	346789	08/03/24	08/03/24	LYZ
Total Trihalomethanes (THMs)	ND		ug/L	1.0		2	346789	08/03/24	08/03/24	LYZ
Surrogates				Limits						
Dibromofluoromethane	110%		%REC	70-130		2	346789	08/03/24	08/03/24	LYZ
1,2-Dichloroethane-d4	92%		%REC	70-130		2	346789	08/03/24	08/03/24	LYZ
Toluene-d8	97%		%REC	70-130		2	346789	08/03/24	08/03/24	LYZ
Bromofluorobenzene	95%		%REC	70-130		2	346789	08/03/24	08/03/24	LYZ

Analysis Results for 513364

Sample ID: CACA0801TB01(TRIPP)
Lab ID: 513364-003
Collected: 08/01/24 13:21
Matrix: Water

513364-003 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	2.1	1	346704	08/02/24	08/02/24	HMN
Acrylonitrile	ND		ug/L	2.0	0.9	1	346704	08/02/24	08/02/24	HMN
Freon 12	ND		ug/L	1.0	0.09	1	346704	08/02/24	08/02/24	HMN
Chloromethane	ND		ug/L	1.0	0.2	1	346704	08/02/24	08/02/24	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
Bromomethane	ND		ug/L	1.0	0.3	1	346704	08/02/24	08/02/24	HMN
Chloroethane	ND		ug/L	1.0	0.2	1	346704	08/02/24	08/02/24	HMN
2-Chloroethylvinylether	ND		ug/L	5.0	1.5	1	346704	08/02/24	08/02/24	HMN
Trichlorofluoromethane	ND		ug/L	1.0	0.1	1	346704	08/02/24	08/02/24	HMN
Acetone	ND		ug/L	44	44	1	346704	08/02/24	08/02/24	HMN
Freon 113	ND		ug/L	2.0	0.08	1	346704	08/02/24	08/02/24	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
Methylene Chloride	ND		ug/L	10	3.7	1	346704	08/02/24	08/02/24	HMN
Carbon Disulfide	ND		ug/L	0.6	0.6	1	346704	08/02/24	08/02/24	HMN
MTBE	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.09	1	346704	08/02/24	08/02/24	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	346704	08/02/24	08/02/24	HMN
2-Butanone	ND		ug/L	10	2.3	1	346704	08/02/24	08/02/24	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Chloroform	ND		ug/L	0.5	0.08	1	346704	08/02/24	08/02/24	HMN
Bromochloromethane	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,1-Dichloropropene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Carbon Tetrachloride	ND		ug/L	0.5	0.05	1	346704	08/02/24	08/02/24	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.06	1	346704	08/02/24	08/02/24	HMN
Benzene	ND		ug/L	0.5	0.08	1	346704	08/02/24	08/02/24	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
Bromodichloromethane	ND		ug/L	0.5	0.06	1	346704	08/02/24	08/02/24	HMN
Dibromomethane	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
4-Methyl-2-Pentanone	ND		ug/L	10	1.3	1	346704	08/02/24	08/02/24	HMN
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	1	346704	08/02/24	08/02/24	HMN
Toluene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
2-Hexanone	ND		ug/L	10	1.2	1	346704	08/02/24	08/02/24	HMN
1,3-Dichloropropane	ND		ug/L	0.5	0.09	1	346704	08/02/24	08/02/24	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Dibromochloromethane	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,2-Dibromoethane	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Chlorobenzene	ND		ug/L	0.5	0.3	1	346704	08/02/24	08/02/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	1	346704	08/02/24	08/02/24	HMN
Ethylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
m,p-Xylenes	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN

Analysis Results for 513364

513364-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
o-Xylene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
Styrene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Bromoform	ND		ug/L	1.0	0.1	1	346704	08/02/24	08/02/24	HMN
Isopropylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Propylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
Bromobenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
tert-Butylbenzene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
n-Butylbenzene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	346704	08/02/24	08/02/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	1	346704	08/02/24	08/02/24	HMN
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Hexachlorobutadiene	ND		ug/L	2.0	0.1	1	346704	08/02/24	08/02/24	HMN
Naphthalene	ND		ug/L	2.0	0.4	1	346704	08/02/24	08/02/24	HMN
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	1	346704	08/02/24	08/02/24	HMN
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	1	346704	08/02/24	08/02/24	HMN
tert-Butyl Alcohol (TBA)	ND		ug/L	10	4.7	1	346704	08/02/24	08/02/24	HMN
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	1	346704	08/02/24	08/02/24	HMN
Xylene (total)	ND		ug/L	0.5		1	346704	08/02/24	08/02/24	HMN
Total Trihalomethanes (THMs)	ND		ug/L	0.5		1	346704	08/02/24	08/02/24	HMN
Surrogates				Limits						
Dibromofluoromethane	108%		%REC	70-130		1	346704	08/02/24	08/02/24	HMN
1,2-Dichloroethane-d4	92%		%REC	70-130		1	346704	08/02/24	08/02/24	HMN
Toluene-d8	97%		%REC	70-130		1	346704	08/02/24	08/02/24	HMN
Bromofluorobenzene	99%		%REC	70-130		1	346704	08/02/24	08/02/24	HMN

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1174695	Batch: 346704
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1174695 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	2.1	08/02/24	08/02/24
Acrylonitrile	ND		ug/L	2.0	0.9	08/02/24	08/02/24
Freon 12	ND		ug/L	1.0	0.09	08/02/24	08/02/24
Chloromethane	ND		ug/L	1.0	0.2	08/02/24	08/02/24
Vinyl Chloride	ND		ug/L	0.5	0.1	08/02/24	08/02/24
Bromomethane	ND		ug/L	1.0	0.3	08/02/24	08/02/24
Chloroethane	ND		ug/L	1.0	0.2	08/02/24	08/02/24
2-Chloroethylvinylether	ND		ug/L	5.0	1.5	08/02/24	08/02/24
Trichlorofluoromethane	ND		ug/L	1.0	0.1	08/02/24	08/02/24
Acetone	ND		ug/L	44	44	08/02/24	08/02/24
Freon 113	ND		ug/L	2.0	0.08	08/02/24	08/02/24
1,1-Dichloroethene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
Methylene Chloride	ND		ug/L	10	3.7	08/02/24	08/02/24
Carbon Disulfide	ND		ug/L	0.6	0.6	08/02/24	08/02/24
MTBE	ND		ug/L	0.5	0.1	08/02/24	08/02/24
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.09	08/02/24	08/02/24
1,1-Dichloroethane	ND		ug/L	0.5	0.06	08/02/24	08/02/24
2-Butanone	ND		ug/L	10	2.3	08/02/24	08/02/24
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
2,2-Dichloropropane	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Chloroform	ND		ug/L	0.5	0.08	08/02/24	08/02/24
Bromochloromethane	ND		ug/L	0.5	0.2	08/02/24	08/02/24
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,1-Dichloropropene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Carbon Tetrachloride	ND		ug/L	0.5	0.05	08/02/24	08/02/24
1,2-Dichloroethane	ND		ug/L	0.5	0.06	08/02/24	08/02/24
Benzene	ND		ug/L	0.5	0.08	08/02/24	08/02/24
Trichloroethene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,2-Dichloropropane	ND		ug/L	0.5	0.1	08/02/24	08/02/24
Bromodichloromethane	ND		ug/L	0.5	0.06	08/02/24	08/02/24
Dibromomethane	ND		ug/L	0.5	0.1	08/02/24	08/02/24
4-Methyl-2-Pentanone	ND		ug/L	10	1.3	08/02/24	08/02/24
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	08/02/24	08/02/24
Toluene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	08/02/24	08/02/24
2-Hexanone	ND		ug/L	10	1.2	08/02/24	08/02/24
1,3-Dichloropropane	ND		ug/L	0.5	0.09	08/02/24	08/02/24
Tetrachloroethene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Dibromochloromethane	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,2-Dibromoethane	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Chlorobenzene	ND		ug/L	0.5	0.3	08/02/24	08/02/24
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	08/02/24	08/02/24
Ethylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
m,p-Xylenes	ND		ug/L	0.5	0.2	08/02/24	08/02/24
o-Xylene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
Styrene	ND		ug/L	0.5	0.2	08/02/24	08/02/24

Batch QC

QC1174695 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.1	08/02/24	08/02/24
Isopropylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Propylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
Bromobenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
2-Chlorotoluene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
4-Chlorotoluene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
tert-Butylbenzene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
sec-Butylbenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
n-Butylbenzene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	08/02/24	08/02/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	08/02/24	08/02/24
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Hexachlorobutadiene	ND		ug/L	2.0	0.1	08/02/24	08/02/24
Naphthalene	ND		ug/L	2.0	0.4	08/02/24	08/02/24
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	08/02/24	08/02/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	08/02/24	08/02/24
tert-Butyl Alcohol (TBA)	ND		ug/L	10	4.7	08/02/24	08/02/24
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	08/02/24	08/02/24
Xylene (total)	ND		ug/L	0.5		08/02/24	08/02/24
Total Trihalomethanes (THMs)	ND		ug/L	0.5		08/02/24	08/02/24
Surrogates				Limits			
Dibromofluoromethane	107%		%REC	70-130		08/02/24	08/02/24
1,2-Dichloroethane-d4	92%		%REC	70-130		08/02/24	08/02/24
Toluene-d8	96%		%REC	70-130		08/02/24	08/02/24
Bromofluorobenzene	99%		%REC	70-130		08/02/24	08/02/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1174696	Batch: 346704
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1174696 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	47.10	50.00	ug/L	94%		50-136
Freon 12	44.90	50.00	ug/L	90%		53-130
Chloromethane	45.56	50.00	ug/L	91%		65-130
Vinyl Chloride	49.17	50.00	ug/L	98%		70-130
Bromomethane	67.74	50.00	ug/L	135%	b	57-151
Chloroethane	50.25	50.00	ug/L	100%		65-129
Trichlorofluoromethane	53.68	50.00	ug/L	107%		70-130
Acetone	106.0	125.0	ug/L	85%		53-134
Freon 113	54.08	50.00	ug/L	108%		70-130
1,1-Dichloroethene	47.04	50.00	ug/L	94%		70-135
Methylene Chloride	51.72	50.00	ug/L	103%		70-130
Carbon Disulfide	53.99	50.00	ug/L	108%		70-130
MTBE	46.52	50.00	ug/L	93%		70-130
trans-1,2-Dichloroethene	49.78	50.00	ug/L	100%		70-130
1,1-Dichloroethane	48.35	50.00	ug/L	97%		70-130
2-Butanone	105.6	125.0	ug/L	84%		56-127
cis-1,2-Dichloroethene	47.79	50.00	ug/L	96%		70-130
2,2-Dichloropropane	41.17	50.00	ug/L	82%		70-130
Chloroform	49.31	50.00	ug/L	99%		70-130
Bromochloromethane	53.93	50.00	ug/L	108%		70-130
1,1,1-Trichloroethane	47.58	50.00	ug/L	95%		70-130
1,1-Dichloropropene	47.65	50.00	ug/L	95%		70-130
Carbon Tetrachloride	55.80	50.00	ug/L	112%		70-130
1,2-Dichloroethane	41.97	50.00	ug/L	84%		70-130
Benzene	47.15	50.00	ug/L	94%		70-130
Trichloroethene	49.64	50.00	ug/L	99%		70-130
1,2-Dichloropropane	43.91	50.00	ug/L	88%		70-130
Bromodichloromethane	48.17	50.00	ug/L	96%		70-130
Dibromomethane	49.72	50.00	ug/L	99%		70-130
4-Methyl-2-Pentanone	95.58	125.0	ug/L	76%		62-126
cis-1,3-Dichloropropene	44.53	50.00	ug/L	89%		70-130
Toluene	45.60	50.00	ug/L	91%		70-130
trans-1,3-Dichloropropene	44.51	50.00	ug/L	89%		70-130
1,1,2-Trichloroethane	49.30	50.00	ug/L	99%		70-130
2-Hexanone	92.37	125.0	ug/L	74%		53-127
1,3-Dichloropropane	45.97	50.00	ug/L	92%		70-130
Tetrachloroethene	51.61	50.00	ug/L	103%		70-130
Dibromochloromethane	54.23	50.00	ug/L	108%		70-130
1,2-Dibromoethane	49.34	50.00	ug/L	99%		70-130
Chlorobenzene	49.63	50.00	ug/L	99%		70-130
1,1,1,2-Tetrachloroethane	50.01	50.00	ug/L	100%		70-130
Ethylbenzene	48.21	50.00	ug/L	96%		70-130
m,p-Xylenes	96.71	100.0	ug/L	97%		70-130
o-Xylene	46.49	50.00	ug/L	93%		70-130
Styrene	50.84	50.00	ug/L	102%		70-130
Bromoform	50.79	50.00	ug/L	102%		70-130
Isopropylbenzene	49.09	50.00	ug/L	98%		70-130

Batch QC

QC1174696 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	49.73	50.00	ug/L	99%		70-130
1,2,3-Trichloropropane	46.17	50.00	ug/L	92%		70-137
Propylbenzene	49.81	50.00	ug/L	100%		70-130
Bromobenzene	47.75	50.00	ug/L	95%		70-130
1,3,5-Trimethylbenzene	50.38	50.00	ug/L	101%		70-130
2-Chlorotoluene	47.60	50.00	ug/L	95%		70-130
4-Chlorotoluene	47.80	50.00	ug/L	96%		70-130
tert-Butylbenzene	49.04	50.00	ug/L	98%		70-130
1,2,4-Trimethylbenzene	49.61	50.00	ug/L	99%		70-130
sec-Butylbenzene	49.45	50.00	ug/L	99%		70-130
para-Isopropyl Toluene	51.65	50.00	ug/L	103%		70-130
1,3-Dichlorobenzene	51.54	50.00	ug/L	103%		70-130
1,4-Dichlorobenzene	50.59	50.00	ug/L	101%		70-130
n-Butylbenzene	51.86	50.00	ug/L	104%		70-133
1,2-Dichlorobenzene	50.08	50.00	ug/L	100%		70-130
1,2-Dibromo-3-Chloropropane	54.23	50.00	ug/L	108%		70-130
1,2,4-Trichlorobenzene	54.37	50.00	ug/L	109%		70-130
Hexachlorobutadiene	48.36	50.00	ug/L	97%		70-147
Naphthalene	49.52	50.00	ug/L	99%		70-130
1,2,3-Trichlorobenzene	52.79	50.00	ug/L	106%		70-130
Isopropyl Ether (DIPE)	41.23	50.00	ug/L	82%		70-130
Ethyl tert-Butyl Ether (ETBE)	44.65	50.00	ug/L	89%		70-130
tert-Butyl Alcohol (TBA)	200.1	250.0	ug/L	80%		48-125
Methyl tert-Amyl Ether (TAME)	41.33	50.00	ug/L	83%		70-130
Surrogates						
Dibromofluoromethane	52.11	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	44.83	50.00	ug/L	90%		70-130
Toluene-d8	48.03	50.00	ug/L	96%		70-130
Bromofluorobenzene	48.84	50.00	ug/L	98%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1174697	Batch: 346704
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1174697 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	52.86	50.00	ug/L	106%		50-136	12	30
Freon 12	47.53	50.00	ug/L	95%		53-130	6	30
Chloromethane	49.19	50.00	ug/L	98%		65-130	8	30
Vinyl Chloride	52.26	50.00	ug/L	105%		70-130	6	30
Bromomethane	66.23	50.00	ug/L	132%	b	57-151	2	30
Chloroethane	54.34	50.00	ug/L	109%		65-129	8	30
Trichlorofluoromethane	56.16	50.00	ug/L	112%		70-130	5	30
Acetone	113.1	125.0	ug/L	91%		53-134	7	36
Freon 113	57.79	50.00	ug/L	116%		70-130	7	30
1,1-Dichloroethene	50.89	50.00	ug/L	102%		70-135	8	30
Methylene Chloride	54.83	50.00	ug/L	110%		70-130	6	30
Carbon Disulfide	57.59	50.00	ug/L	115%		70-130	6	30
MTBE	49.49	50.00	ug/L	99%		70-130	6	30
trans-1,2-Dichloroethene	53.23	50.00	ug/L	106%		70-130	7	30
1,1-Dichloroethane	51.44	50.00	ug/L	103%		70-130	6	30
2-Butanone	112.3	125.0	ug/L	90%		56-127	6	30
cis-1,2-Dichloroethene	50.79	50.00	ug/L	102%		70-130	6	30
2,2-Dichloropropane	44.55	50.00	ug/L	89%		70-130	8	30
Chloroform	51.99	50.00	ug/L	104%		70-130	5	30
Bromochloromethane	56.37	50.00	ug/L	113%		70-130	4	30
1,1,1-Trichloroethane	52.79	50.00	ug/L	106%		70-130	10	30
1,1-Dichloropropene	52.29	50.00	ug/L	105%		70-130	9	30
Carbon Tetrachloride	60.08	50.00	ug/L	120%		70-130	7	30
1,2-Dichloroethane	44.63	50.00	ug/L	89%		70-130	6	30
Benzene	50.43	50.00	ug/L	101%		70-130	7	30
Trichloroethene	54.30	50.00	ug/L	109%		70-130	9	30
1,2-Dichloropropane	48.07	50.00	ug/L	96%		70-130	9	30
Bromodichloromethane	51.99	50.00	ug/L	104%		70-130	8	30
Dibromomethane	53.55	50.00	ug/L	107%		70-130	7	30
4-Methyl-2-Pentanone	103.1	125.0	ug/L	83%		62-126	8	30
cis-1,3-Dichloropropene	49.04	50.00	ug/L	98%		70-130	10	30
Toluene	49.54	50.00	ug/L	99%		70-130	8	30
trans-1,3-Dichloropropene	47.88	50.00	ug/L	96%		70-130	7	30
1,1,2-Trichloroethane	52.74	50.00	ug/L	105%		70-130	7	30
2-Hexanone	98.57	125.0	ug/L	79%		53-127	6	30
1,3-Dichloropropane	50.50	50.00	ug/L	101%		70-130	9	30
Tetrachloroethene	56.03	50.00	ug/L	112%		70-130	8	30
Dibromochloromethane	58.56	50.00	ug/L	117%		70-130	8	30
1,2-Dibromoethane	52.85	50.00	ug/L	106%		70-130	7	30
Chlorobenzene	54.02	50.00	ug/L	108%		70-130	8	30
1,1,1,2-Tetrachloroethane	56.05	50.00	ug/L	112%		70-130	11	30
Ethylbenzene	52.71	50.00	ug/L	105%		70-130	9	30
m,p-Xylenes	104.9	100.0	ug/L	105%		70-130	8	30
o-Xylene	50.89	50.00	ug/L	102%		70-130	9	30
Styrene	55.14	50.00	ug/L	110%		70-130	8	30
Bromoform	55.38	50.00	ug/L	111%		70-130	9	30

Batch QC

QC1174697 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	52.58	50.00	ug/L	105%		70-130	7	30
1,1,2,2-Tetrachloroethane	53.94	50.00	ug/L	108%		70-130	8	30
1,2,3-Trichloropropane	48.71	50.00	ug/L	97%		70-137	5	30
Propylbenzene	53.17	50.00	ug/L	106%		70-130	7	30
Bromobenzene	51.30	50.00	ug/L	103%		70-130	7	30
1,3,5-Trimethylbenzene	54.66	50.00	ug/L	109%		70-130	8	30
2-Chlorotoluene	51.65	50.00	ug/L	103%		70-130	8	30
4-Chlorotoluene	52.40	50.00	ug/L	105%		70-130	9	30
tert-Butylbenzene	53.33	50.00	ug/L	107%		70-130	8	30
1,2,4-Trimethylbenzene	54.06	50.00	ug/L	108%		70-130	9	30
sec-Butylbenzene	53.34	50.00	ug/L	107%		70-130	8	30
para-Isopropyl Toluene	55.81	50.00	ug/L	112%		70-130	8	30
1,3-Dichlorobenzene	55.66	50.00	ug/L	111%		70-130	8	30
1,4-Dichlorobenzene	55.27	50.00	ug/L	111%		70-130	9	30
n-Butylbenzene	55.96	50.00	ug/L	112%		70-133	8	30
1,2-Dichlorobenzene	53.32	50.00	ug/L	107%		70-130	6	30
1,2-Dibromo-3-Chloropropane	57.58	50.00	ug/L	115%		70-130	6	30
1,2,4-Trichlorobenzene	59.56	50.00	ug/L	119%		70-130	9	30
Hexachlorobutadiene	54.05	50.00	ug/L	108%		70-147	11	30
Naphthalene	54.79	50.00	ug/L	110%		70-130	10	30
1,2,3-Trichlorobenzene	57.85	50.00	ug/L	116%		70-130	9	30
Isopropyl Ether (DIPE)	44.20	50.00	ug/L	88%		70-130	7	30
Ethyl tert-Butyl Ether (ETBE)	46.97	50.00	ug/L	94%		70-130	5	30
tert-Butyl Alcohol (TBA)	205.1	250.0	ug/L	82%		48-125	2	30
Methyl tert-Amyl Ether (TAME)	44.71	50.00	ug/L	89%		70-130	8	30
Surrogates								
Dibromofluoromethane	54.33	50.00	ug/L	109%		70-130		
1,2-Dichloroethane-d4	44.98	50.00	ug/L	90%		70-130		
Toluene-d8	48.37	50.00	ug/L	97%		70-130		
Bromofluorobenzene	48.50	50.00	ug/L	97%		70-130		

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1174700
Method: EPA 624.1

Batch: 346704
Prep Method: EPA 624.1

QC1174700 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	67.75	50.00	ug/L	136%	b,*	70-130
2-Chloroethylvinylether	57.63	50.00	ug/L	115%		10-130
Surrogates						
Dibromofluoromethane	51.40	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	45.10	50.00	ug/L	90%		70-130
Toluene-d8	49.27	50.00	ug/L	99%		70-130
Bromofluorobenzene	54.52	50.00	ug/L	109%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1174736	Batch: 346704
Matrix (Source ID): Water (513178-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1174736 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	37.95	ND	50.00	ug/L	76%		59-129	1
Freon 12	41.26	ND	50.00	ug/L	83%		54-130	1
Chloromethane	47.08	ND	50.00	ug/L	94%		65-130	1
Vinyl Chloride	49.43	ND	50.00	ug/L	99%		70-130	1
Bromomethane	64.10	ND	50.00	ug/L	128%	b	58-141	1
Chloroethane	51.48	ND	50.00	ug/L	103%		52-141	1
Trichlorofluoromethane	55.73	ND	50.00	ug/L	111%		70-130	1
Acetone	165.2	ND	125.0	ug/L	132%	*	53-129	1
Freon 113	51.37	ND	50.00	ug/L	103%		70-130	1
1,1-Dichloroethene	44.92	ND	50.00	ug/L	90%		70-130	1
Methylene Chloride	51.01	ND	50.00	ug/L	102%		67-130	1
Carbon Disulfide	49.36	ND	50.00	ug/L	99%		70-130	1
MTBE	44.73	ND	50.00	ug/L	89%		75-130	1
trans-1,2-Dichloroethene	47.85	ND	50.00	ug/L	96%		70-130	1
1,1-Dichloroethane	46.05	ND	50.00	ug/L	92%		70-130	1
2-Butanone	139.1	ND	125.0	ug/L	111%		55-126	1
cis-1,2-Dichloroethene	45.86	ND	50.00	ug/L	92%		80-130	1
2,2-Dichloropropane	37.40	ND	50.00	ug/L	75%	*	77-130	1
Chloroform	47.50	ND	50.00	ug/L	95%		70-130	1
Bromochloromethane	52.93	ND	50.00	ug/L	106%		70-130	1
1,1,1-Trichloroethane	45.40	ND	50.00	ug/L	91%		70-130	1
1,1-Dichloropropene	45.53	ND	50.00	ug/L	91%		70-130	1
Carbon Tetrachloride	53.70	ND	50.00	ug/L	107%		70-130	1
1,2-Dichloroethane	42.45	ND	50.00	ug/L	85%		70-130	1
Benzene	45.15	ND	50.00	ug/L	90%		70-130	1
Trichloroethene	48.41	ND	50.00	ug/L	97%		63-130	1
1,2-Dichloropropane	44.90	ND	50.00	ug/L	90%		70-130	1
Bromodichloromethane	47.93	ND	50.00	ug/L	96%		70-130	1
Dibromomethane	49.64	ND	50.00	ug/L	99%		70-130	1
4-Methyl-2-Pentanone	96.81	ND	125.0	ug/L	77%		59-130	1
cis-1,3-Dichloropropene	44.74	ND	50.00	ug/L	89%		70-130	1
Toluene	43.94	ND	50.00	ug/L	88%		70-130	1
trans-1,3-Dichloropropene	45.39	ND	50.00	ug/L	91%		70-130	1
1,1,2-Trichloroethane	50.19	ND	50.00	ug/L	100%		70-130	1
2-Hexanone	115.2	ND	125.0	ug/L	92%		52-130	1
1,3-Dichloropropane	47.29	ND	50.00	ug/L	95%		70-130	1
Tetrachloroethene	50.00	ND	50.00	ug/L	100%		49-130	1
Dibromochloromethane	55.66	ND	50.00	ug/L	111%		70-130	1
1,2-Dibromoethane	49.59	ND	50.00	ug/L	99%		70-130	1
Chlorobenzene	49.04	ND	50.00	ug/L	98%		70-130	1
1,1,1,2-Tetrachloroethane	51.54	ND	50.00	ug/L	103%		70-130	1
Ethylbenzene	46.80	ND	50.00	ug/L	94%		70-130	1
m,p-Xylenes	93.29	ND	100.0	ug/L	93%		70-131	1
o-Xylene	44.92	ND	50.00	ug/L	90%		70-130	1
Styrene	50.44	ND	50.00	ug/L	101%		67-130	1

Batch QC

QC1174736 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	52.04	ND	50.00	ug/L	104%		70-130	1
Isopropylbenzene	44.62	ND	50.00	ug/L	89%		70-130	1
1,1,2,2-Tetrachloroethane	53.56	ND	50.00	ug/L	107%		70-141	1
1,2,3-Trichloropropane	46.58	ND	50.00	ug/L	93%		70-138	1
Propylbenzene	48.41	ND	50.00	ug/L	97%		70-134	1
Bromobenzene	47.54	ND	50.00	ug/L	95%		70-130	1
1,3,5-Trimethylbenzene	48.84	ND	50.00	ug/L	98%		70-130	1
2-Chlorotoluene	47.14	ND	50.00	ug/L	94%		70-131	1
4-Chlorotoluene	48.09	ND	50.00	ug/L	96%		70-133	1
tert-Butylbenzene	46.94	ND	50.00	ug/L	94%		70-130	1
1,2,4-Trimethylbenzene	47.29	ND	50.00	ug/L	95%		70-130	1
sec-Butylbenzene	48.21	ND	50.00	ug/L	96%		70-132	1
para-Isopropyl Toluene	49.09	0.1760	50.00	ug/L	98%		70-130	1
1,3-Dichlorobenzene	51.73	ND	50.00	ug/L	103%		70-130	1
1,4-Dichlorobenzene	50.25	ND	50.00	ug/L	100%		70-130	1
n-Butylbenzene	49.76	ND	50.00	ug/L	100%		70-138	1
1,2-Dichlorobenzene	50.77	ND	50.00	ug/L	102%		70-130	1
1,2-Dibromo-3-Chloropropane	52.49	ND	50.00	ug/L	105%		70-130	1
1,2,4-Trichlorobenzene	54.09	ND	50.00	ug/L	108%		70-133	1
Hexachlorobutadiene	52.43	ND	50.00	ug/L	105%		70-148	1
Naphthalene	51.11	ND	50.00	ug/L	102%		70-144	1
1,2,3-Trichlorobenzene	52.95	ND	50.00	ug/L	106%		70-131	1
Isopropyl Ether (DIPE)	78.23	ND	100.0	ug/L	78%		70-130	1
Ethyl tert-Butyl Ether (ETBE)	42.51	ND	50.00	ug/L	85%		70-130	1
tert-Butyl Alcohol (TBA)	179.9	ND	250.0	ug/L	72%		51-122	1
Methyl tert-Amyl Ether (TAME)	39.65	ND	50.00	ug/L	79%		70-130	1
Surrogates								
Dibromofluoromethane	53.17		50.00	ug/L	106%		70-130	1
1,2-Dichloroethane-d4	44.88		50.00	ug/L	90%		70-130	1
Toluene-d8	48.95		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.86		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1174737	Batch: 346704
Matrix (Source ID): Water (513178-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1174737 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	35.22	ND	50.00	ug/L	70%		59-129	7	25	1
Freon 12	36.74	ND	50.00	ug/L	73%		54-130	12	30	1
Chloromethane	41.29	ND	50.00	ug/L	83%		65-130	13	30	1
Vinyl Chloride	43.27	ND	50.00	ug/L	87%		70-130	13	30	1
Bromomethane	56.11	ND	50.00	ug/L	112%	b	58-141	13	26	1
Chloroethane	43.47	ND	50.00	ug/L	87%		52-141	17	46	1
Trichlorofluoromethane	47.52	ND	50.00	ug/L	95%		70-130	16	30	1
Acetone	160.2	ND	125.0	ug/L	128%		53-129	3	28	1
Freon 113	46.65	ND	50.00	ug/L	93%		70-130	10	30	1
1,1-Dichloroethene	40.77	ND	50.00	ug/L	82%		70-130	10	30	1
Methylene Chloride	45.38	ND	50.00	ug/L	91%		67-130	12	30	1
Carbon Disulfide	43.39	ND	50.00	ug/L	87%		70-130	13	30	1
MTBE	40.75	ND	50.00	ug/L	82%		75-130	9	30	1
trans-1,2-Dichloroethene	43.30	ND	50.00	ug/L	87%		70-130	10	30	1
1,1-Dichloroethane	41.16	ND	50.00	ug/L	82%		70-130	11	30	1
2-Butanone	132.8	ND	125.0	ug/L	106%		55-126	5	26	1
cis-1,2-Dichloroethene	41.34	ND	50.00	ug/L	83%		80-130	10	30	1
2,2-Dichloropropane	32.62	ND	50.00	ug/L	65%	*	77-130	14	30	1
Chloroform	42.56	ND	50.00	ug/L	85%		70-130	11	30	1
Bromochloromethane	47.88	ND	50.00	ug/L	96%		70-130	10	30	1
1,1,1-Trichloroethane	40.45	ND	50.00	ug/L	81%		70-130	12	30	1
1,1-Dichloropropene	40.58	ND	50.00	ug/L	81%		70-130	11	30	1
Carbon Tetrachloride	47.51	ND	50.00	ug/L	95%		70-130	12	30	1
1,2-Dichloroethane	38.19	ND	50.00	ug/L	76%		70-130	11	30	1
Benzene	40.38	ND	50.00	ug/L	81%		70-130	11	30	1
Trichloroethene	42.68	ND	50.00	ug/L	85%		63-130	13	30	1
1,2-Dichloropropane	39.36	ND	50.00	ug/L	79%		70-130	13	30	1
Bromodichloromethane	41.80	ND	50.00	ug/L	84%		70-130	14	30	1
Dibromomethane	44.37	ND	50.00	ug/L	89%		70-130	11	30	1
4-Methyl-2-Pentanone	91.55	ND	125.0	ug/L	73%		59-130	6	24	1
cis-1,3-Dichloropropene	39.36	ND	50.00	ug/L	79%		70-130	13	30	1
Toluene	38.53	ND	50.00	ug/L	77%		70-130	13	30	1
trans-1,3-Dichloropropene	40.24	ND	50.00	ug/L	80%		70-130	12	30	1
1,1,2-Trichloroethane	45.10	ND	50.00	ug/L	90%		70-130	11	30	1
2-Hexanone	107.2	ND	125.0	ug/L	86%		52-130	7	27	1
1,3-Dichloropropane	42.77	ND	50.00	ug/L	86%		70-130	10	30	1
Tetrachloroethene	43.68	ND	50.00	ug/L	87%		49-130	14	30	1
Dibromochloromethane	49.16	ND	50.00	ug/L	98%		70-130	12	30	1
1,2-Dibromoethane	44.00	ND	50.00	ug/L	88%		70-130	12	30	1
Chlorobenzene	42.54	ND	50.00	ug/L	85%		70-130	14	30	1
1,1,1,2-Tetrachloroethane	45.94	ND	50.00	ug/L	92%		70-130	12	30	1
Ethylbenzene	40.51	ND	50.00	ug/L	81%		70-130	14	30	1
m,p-Xylenes	80.86	ND	100.0	ug/L	81%		70-131	14	30	1
o-Xylene	39.34	ND	50.00	ug/L	79%		70-130	13	30	1
Styrene	44.12	ND	50.00	ug/L	88%		67-130	13	30	1

Batch QC

QC1174737 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	46.91	ND	50.00	ug/L	94%		70-130	10	30	1
Isopropylbenzene	40.52	ND	50.00	ug/L	81%		70-130	10	30	1
1,1,2,2-Tetrachloroethane	49.63	ND	50.00	ug/L	99%		70-141	8	30	1
1,2,3-Trichloropropane	43.79	ND	50.00	ug/L	88%		70-138	6	30	1
Propylbenzene	43.19	ND	50.00	ug/L	86%		70-134	11	30	1
Bromobenzene	42.68	ND	50.00	ug/L	85%		70-130	11	30	1
1,3,5-Trimethylbenzene	44.02	ND	50.00	ug/L	88%		70-130	10	30	1
2-Chlorotoluene	42.77	ND	50.00	ug/L	86%		70-131	10	30	1
4-Chlorotoluene	42.56	ND	50.00	ug/L	85%		70-133	12	30	1
tert-Butylbenzene	42.55	ND	50.00	ug/L	85%		70-130	10	30	1
1,2,4-Trimethylbenzene	42.52	ND	50.00	ug/L	85%		70-130	11	30	1
sec-Butylbenzene	43.39	ND	50.00	ug/L	87%		70-132	11	30	1
para-Isopropyl Toluene	44.78	0.1760	50.00	ug/L	89%		70-130	9	30	1
1,3-Dichlorobenzene	46.27	ND	50.00	ug/L	93%		70-130	11	30	1
1,4-Dichlorobenzene	44.69	ND	50.00	ug/L	89%		70-130	12	30	1
n-Butylbenzene	44.36	ND	50.00	ug/L	89%		70-138	11	30	1
1,2-Dichlorobenzene	45.52	ND	50.00	ug/L	91%		70-130	11	30	1
1,2-Dibromo-3-Chloropropane	51.63	ND	50.00	ug/L	103%		70-130	2	30	1
1,2,4-Trichlorobenzene	47.71	ND	50.00	ug/L	95%		70-133	13	30	1
Hexachlorobutadiene	46.76	ND	50.00	ug/L	94%		70-148	11	30	1
Naphthalene	47.09	ND	50.00	ug/L	94%		70-144	8	30	1
1,2,3-Trichlorobenzene	47.93	ND	50.00	ug/L	96%		70-131	10	30	1
Isopropyl Ether (DIPE)	70.92	ND	100.0	ug/L	71%		70-130	10	30	1
Ethyl tert-Butyl Ether (ETBE)	38.70	ND	50.00	ug/L	77%		70-130	9	30	1
tert-Butyl Alcohol (TBA)	166.7	ND	250.0	ug/L	67%		51-122	8	33	1
Methyl tert-Amyl Ether (TAME)	36.51	ND	50.00	ug/L	73%		70-130	8	30	1
Surrogates										
Dibromofluoromethane	52.96		50.00	ug/L	106%		70-130			1
1,2-Dichloroethane-d4	45.22		50.00	ug/L	90%		70-130			1
Toluene-d8	47.99		50.00	ug/L	96%		70-130			1
Bromofluorobenzene	49.60		50.00	ug/L	99%		70-130			1

Batch QC

Type: Lab Control Sample	Lab ID: QC1175024	Batch: 346789
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1175024 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrylonitrile	48.94	50.00	ug/L	98%		50-136
Freon 12	41.93	50.00	ug/L	84%		53-130
Chloromethane	46.20	50.00	ug/L	92%		65-130
Vinyl Chloride	48.05	50.00	ug/L	96%		70-130
Bromomethane	67.70	50.00	ug/L	135%	b	57-151
Chloroethane	50.68	50.00	ug/L	101%		65-129
Trichlorofluoromethane	54.39	50.00	ug/L	109%		70-130
Acetone	104.6	125.0	ug/L	84%		53-134
Freon 113	53.13	50.00	ug/L	106%		70-130
1,1-Dichloroethene	46.71	50.00	ug/L	93%		70-135
Methylene Chloride	51.39	50.00	ug/L	103%		70-130
Carbon Disulfide	52.25	50.00	ug/L	104%		70-130
MTBE	46.27	50.00	ug/L	93%		70-130
trans-1,2-Dichloroethene	48.79	50.00	ug/L	98%		70-130
1,1-Dichloroethane	47.88	50.00	ug/L	96%		70-130
2-Butanone	109.9	125.0	ug/L	88%		56-127
cis-1,2-Dichloroethene	47.27	50.00	ug/L	95%		70-130
2,2-Dichloropropane	40.34	50.00	ug/L	81%		70-130
Chloroform	48.41	50.00	ug/L	97%		70-130
Bromochloromethane	52.81	50.00	ug/L	106%		70-130
1,1,1-Trichloroethane	48.15	50.00	ug/L	96%		70-130
1,1-Dichloropropene	48.46	50.00	ug/L	97%		70-130
Carbon Tetrachloride	53.68	50.00	ug/L	107%		70-130
1,2-Dichloroethane	41.02	50.00	ug/L	82%		70-130
Benzene	46.61	50.00	ug/L	93%		70-130
Trichloroethene	48.90	50.00	ug/L	98%		70-130
1,2-Dichloropropane	43.98	50.00	ug/L	88%		70-130
Bromodichloromethane	47.59	50.00	ug/L	95%		70-130
Dibromomethane	49.36	50.00	ug/L	99%		70-130
4-Methyl-2-Pentanone	96.94	125.0	ug/L	78%		62-126
cis-1,3-Dichloropropene	44.73	50.00	ug/L	89%		70-130
Toluene	44.60	50.00	ug/L	89%		70-130
trans-1,3-Dichloropropene	43.80	50.00	ug/L	88%		70-130
1,1,2-Trichloroethane	48.44	50.00	ug/L	97%		70-130
2-Hexanone	92.39	125.0	ug/L	74%		53-127
1,3-Dichloropropane	46.08	50.00	ug/L	92%		70-130
Tetrachloroethene	48.86	50.00	ug/L	98%		70-130
Dibromochloromethane	53.61	50.00	ug/L	107%		70-130
1,2-Dibromoethane	49.30	50.00	ug/L	99%		70-130
Chlorobenzene	48.50	50.00	ug/L	97%		70-130
1,1,1,2-Tetrachloroethane	49.12	50.00	ug/L	98%		70-130
Ethylbenzene	46.38	50.00	ug/L	93%		70-130
m,p-Xylenes	92.49	100.0	ug/L	92%		70-130
o-Xylene	44.91	50.00	ug/L	90%		70-130
Styrene	49.60	50.00	ug/L	99%		70-130
Bromoform	50.74	50.00	ug/L	101%		70-130
Isopropylbenzene	48.01	50.00	ug/L	96%		70-130

Batch QC

QC1175024 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1,2,2-Tetrachloroethane	50.72	50.00	ug/L	101%		70-130
1,2,3-Trichloropropane	47.69	50.00	ug/L	95%		70-137
Propylbenzene	47.41	50.00	ug/L	95%		70-130
Bromobenzene	47.80	50.00	ug/L	96%		70-130
1,3,5-Trimethylbenzene	48.83	50.00	ug/L	98%		70-130
2-Chlorotoluene	46.30	50.00	ug/L	93%		70-130
4-Chlorotoluene	47.58	50.00	ug/L	95%		70-130
tert-Butylbenzene	48.11	50.00	ug/L	96%		70-130
1,2,4-Trimethylbenzene	48.09	50.00	ug/L	96%		70-130
sec-Butylbenzene	47.14	50.00	ug/L	94%		70-130
para-Isopropyl Toluene	49.02	50.00	ug/L	98%		70-130
1,3-Dichlorobenzene	50.46	50.00	ug/L	101%		70-130
1,4-Dichlorobenzene	49.66	50.00	ug/L	99%		70-130
n-Butylbenzene	48.41	50.00	ug/L	97%		70-133
1,2-Dichlorobenzene	49.04	50.00	ug/L	98%		70-130
1,2-Dibromo-3-Chloropropane	56.61	50.00	ug/L	113%		70-130
1,2,4-Trichlorobenzene	53.57	50.00	ug/L	107%		70-130
Hexachlorobutadiene	44.76	50.00	ug/L	90%		70-147
Naphthalene	50.87	50.00	ug/L	102%		70-130
1,2,3-Trichlorobenzene	52.60	50.00	ug/L	105%		70-130
Isopropyl Ether (DIPE)	41.02	50.00	ug/L	82%		70-130
Ethyl tert-Butyl Ether (ETBE)	43.80	50.00	ug/L	88%		70-130
tert-Butyl Alcohol (TBA)	192.4	250.0	ug/L	77%		48-125
Methyl tert-Amyl Ether (TAME)	41.66	50.00	ug/L	83%		70-130
Surrogates						
Dibromofluoromethane	53.39	50.00	ug/L	107%		70-130
1,2-Dichloroethane-d4	44.63	50.00	ug/L	89%		70-130
Toluene-d8	48.34	50.00	ug/L	97%		70-130
Bromofluorobenzene	50.53	50.00	ug/L	101%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1175025	Batch: 346789
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1175025 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Acrylonitrile	44.10	50.00	ug/L	88%		50-136	10	30
Freon 12	38.80	50.00	ug/L	78%		53-130	8	30
Chloromethane	41.46	50.00	ug/L	83%		65-130	11	30
Vinyl Chloride	43.68	50.00	ug/L	87%		70-130	10	30
Bromomethane	58.96	50.00	ug/L	118%	b	57-151	14	30
Chloroethane	48.97	50.00	ug/L	98%		65-129	3	30
Trichlorofluoromethane	50.55	50.00	ug/L	101%		70-130	7	30
Acetone	100.9	125.0	ug/L	81%		53-134	4	36
Freon 113	50.58	50.00	ug/L	101%		70-130	5	30
1,1-Dichloroethene	45.36	50.00	ug/L	91%		70-135	3	30
Methylene Chloride	49.22	50.00	ug/L	98%		70-130	4	30
Carbon Disulfide	49.88	50.00	ug/L	100%		70-130	5	30
MTBE	44.62	50.00	ug/L	89%		70-130	4	30
trans-1,2-Dichloroethene	47.27	50.00	ug/L	95%		70-130	3	30
1,1-Dichloroethane	46.22	50.00	ug/L	92%		70-130	4	30
2-Butanone	107.3	125.0	ug/L	86%		56-127	2	30
cis-1,2-Dichloroethene	46.02	50.00	ug/L	92%		70-130	3	30
2,2-Dichloropropane	38.34	50.00	ug/L	77%		70-130	5	30
Chloroform	46.61	50.00	ug/L	93%		70-130	4	30
Bromochloromethane	50.47	50.00	ug/L	101%		70-130	5	30
1,1,1-Trichloroethane	46.73	50.00	ug/L	93%		70-130	3	30
1,1-Dichloropropene	48.00	50.00	ug/L	96%		70-130	1	30
Carbon Tetrachloride	52.26	50.00	ug/L	105%		70-130	3	30
1,2-Dichloroethane	40.45	50.00	ug/L	81%		70-130	1	30
Benzene	45.75	50.00	ug/L	92%		70-130	2	30
Trichloroethene	47.43	50.00	ug/L	95%		70-130	3	30
1,2-Dichloropropane	42.43	50.00	ug/L	85%		70-130	4	30
Bromodichloromethane	45.63	50.00	ug/L	91%		70-130	4	30
Dibromomethane	47.46	50.00	ug/L	95%		70-130	4	30
4-Methyl-2-Pentanone	93.27	125.0	ug/L	75%		62-126	4	30
cis-1,3-Dichloropropene	43.03	50.00	ug/L	86%		70-130	4	30
Toluene	43.72	50.00	ug/L	87%		70-130	2	30
trans-1,3-Dichloropropene	42.20	50.00	ug/L	84%		70-130	4	30
1,1,2-Trichloroethane	47.50	50.00	ug/L	95%		70-130	2	30
2-Hexanone	88.99	125.0	ug/L	71%		53-127	4	30
1,3-Dichloropropane	44.63	50.00	ug/L	89%		70-130	3	30
Tetrachloroethene	48.35	50.00	ug/L	97%		70-130	1	30
Dibromochloromethane	51.70	50.00	ug/L	103%		70-130	4	30
1,2-Dibromoethane	48.08	50.00	ug/L	96%		70-130	2	30
Chlorobenzene	47.90	50.00	ug/L	96%		70-130	1	30
1,1,1,2-Tetrachloroethane	49.76	50.00	ug/L	100%		70-130	1	30
Ethylbenzene	46.18	50.00	ug/L	92%		70-130	0	30
m,p-Xylenes	91.43	100.0	ug/L	91%		70-130	1	30
o-Xylene	44.64	50.00	ug/L	89%		70-130	1	30
Styrene	48.53	50.00	ug/L	97%		70-130	2	30
Bromoform	49.61	50.00	ug/L	99%		70-130	2	30

Batch QC

QC1175025 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Isopropylbenzene	46.37	50.00	ug/L	93%		70-130	3	30
1,1,2,2-Tetrachloroethane	47.88	50.00	ug/L	96%		70-130	6	30
1,2,3-Trichloropropane	43.74	50.00	ug/L	87%		70-137	9	30
Propylbenzene	45.99	50.00	ug/L	92%		70-130	3	30
Bromobenzene	45.48	50.00	ug/L	91%		70-130	5	30
1,3,5-Trimethylbenzene	47.53	50.00	ug/L	95%		70-130	3	30
2-Chlorotoluene	45.60	50.00	ug/L	91%		70-130	2	30
4-Chlorotoluene	46.37	50.00	ug/L	93%		70-130	3	30
tert-Butylbenzene	46.76	50.00	ug/L	94%		70-130	3	30
1,2,4-Trimethylbenzene	47.34	50.00	ug/L	95%		70-130	2	30
sec-Butylbenzene	46.73	50.00	ug/L	93%		70-130	1	30
para-Isopropyl Toluene	48.55	50.00	ug/L	97%		70-130	1	30
1,3-Dichlorobenzene	49.06	50.00	ug/L	98%		70-130	3	30
1,4-Dichlorobenzene	48.75	50.00	ug/L	98%		70-130	2	30
n-Butylbenzene	48.55	50.00	ug/L	97%		70-133	0	30
1,2-Dichlorobenzene	47.36	50.00	ug/L	95%		70-130	3	30
1,2-Dibromo-3-Chloropropane	53.03	50.00	ug/L	106%		70-130	7	30
1,2,4-Trichlorobenzene	52.84	50.00	ug/L	106%		70-130	1	30
Hexachlorobutadiene	46.26	50.00	ug/L	93%		70-147	3	30
Naphthalene	48.96	50.00	ug/L	98%		70-130	4	30
1,2,3-Trichlorobenzene	51.28	50.00	ug/L	103%		70-130	3	30
Isopropyl Ether (DIPE)	40.14	50.00	ug/L	80%		70-130	2	30
Ethyl tert-Butyl Ether (ETBE)	42.45	50.00	ug/L	85%		70-130	3	30
tert-Butyl Alcohol (TBA)	185.3	250.0	ug/L	74%		48-125	4	30
Methyl tert-Amyl Ether (TAME)	40.67	50.00	ug/L	81%		70-130	2	30
Surrogates								
Dibromofluoromethane	54.20	50.00	ug/L	108%		70-130		
1,2-Dichloroethane-d4	45.26	50.00	ug/L	91%		70-130		
Toluene-d8	48.25	50.00	ug/L	96%		70-130		
Bromofluorobenzene	48.34	50.00	ug/L	97%		70-130		

Type: Lab Control Sample
Matrix: Water
Lab ID: QC1175026
Method: EPA 624.1
Batch: 346789
Prep Method: EPA 624.1

QC1175026 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Acrolein	79.60	50.00	ug/L	159%	b,*	70-130
2-Chloroethylvinylether	58.07	50.00	ug/L	116%		10-130
Surrogates						
Dibromofluoromethane	53.96	50.00	ug/L	108%		70-130
1,2-Dichloroethane-d4	45.92	50.00	ug/L	92%		70-130
Toluene-d8	49.57	50.00	ug/L	99%		70-130
Bromofluorobenzene	52.95	50.00	ug/L	106%		70-130

Batch QC

Type: Blank	Lab ID: QC1175028	Batch: 346789
Matrix: Water	Method: EPA 624.1	Prep Method: EPA 624.1

QC1175028 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Acrolein	ND		ug/L	5.0	2.1	08/03/24	08/03/24
Acrylonitrile	ND		ug/L	2.0	0.9	08/03/24	08/03/24
Freon 12	ND		ug/L	1.0	0.09	08/03/24	08/03/24
Chloromethane	ND		ug/L	1.0	0.2	08/03/24	08/03/24
Vinyl Chloride	ND		ug/L	0.5	0.1	08/03/24	08/03/24
Bromomethane	ND		ug/L	1.0	0.3	08/03/24	08/03/24
Chloroethane	ND		ug/L	1.0	0.2	08/03/24	08/03/24
2-Chloroethylvinylether	ND		ug/L	5.0	1.5	08/03/24	08/03/24
Trichlorofluoromethane	ND		ug/L	1.0	0.1	08/03/24	08/03/24
Acetone	ND		ug/L	44	44	08/03/24	08/03/24
Freon 113	ND		ug/L	2.0	0.08	08/03/24	08/03/24
1,1-Dichloroethene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
Methylene Chloride	ND		ug/L	10	3.7	08/03/24	08/03/24
Carbon Disulfide	ND		ug/L	0.6	0.6	08/03/24	08/03/24
MTBE	ND		ug/L	0.5	0.1	08/03/24	08/03/24
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.09	08/03/24	08/03/24
1,1-Dichloroethane	ND		ug/L	0.5	0.06	08/03/24	08/03/24
2-Butanone	ND		ug/L	10	2.3	08/03/24	08/03/24
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
2,2-Dichloropropane	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Chloroform	ND		ug/L	0.5	0.08	08/03/24	08/03/24
Bromochloromethane	ND		ug/L	0.5	0.2	08/03/24	08/03/24
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,1-Dichloropropene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Carbon Tetrachloride	ND		ug/L	0.5	0.05	08/03/24	08/03/24
1,2-Dichloroethane	ND		ug/L	0.5	0.06	08/03/24	08/03/24
Benzene	ND		ug/L	0.5	0.08	08/03/24	08/03/24
Trichloroethene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,2-Dichloropropane	ND		ug/L	0.5	0.1	08/03/24	08/03/24
Bromodichloromethane	ND		ug/L	0.5	0.06	08/03/24	08/03/24
Dibromomethane	ND		ug/L	0.5	0.1	08/03/24	08/03/24
4-Methyl-2-Pentanone	ND		ug/L	10	1.3	08/03/24	08/03/24
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.07	08/03/24	08/03/24
Toluene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
1,1,2-Trichloroethane	ND		ug/L	0.5	0.2	08/03/24	08/03/24
2-Hexanone	ND		ug/L	10	1.2	08/03/24	08/03/24
1,3-Dichloropropane	ND		ug/L	0.5	0.09	08/03/24	08/03/24
Tetrachloroethene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Dibromochloromethane	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,2-Dibromoethane	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Chlorobenzene	ND		ug/L	0.5	0.3	08/03/24	08/03/24
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.07	08/03/24	08/03/24
Ethylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
m,p-Xylenes	ND		ug/L	0.5	0.2	08/03/24	08/03/24
o-Xylene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
Styrene	ND		ug/L	0.5	0.2	08/03/24	08/03/24

Batch QC

QC1175028 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromoform	ND		ug/L	1.0	0.1	08/03/24	08/03/24
Isopropylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,2,3-Trichloropropane	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Propylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
Bromobenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
2-Chlorotoluene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
4-Chlorotoluene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
tert-Butylbenzene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
sec-Butylbenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
n-Butylbenzene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	08/03/24	08/03/24
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.5	08/03/24	08/03/24
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Hexachlorobutadiene	ND		ug/L	2.0	0.1	08/03/24	08/03/24
Naphthalene	ND		ug/L	2.0	0.4	08/03/24	08/03/24
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Isopropyl Ether (DIPE)	ND		ug/L	0.5	0.2	08/03/24	08/03/24
Ethyl tert-Butyl Ether (ETBE)	ND		ug/L	0.5	0.09	08/03/24	08/03/24
tert-Butyl Alcohol (TBA)	ND		ug/L	10	4.7	08/03/24	08/03/24
Methyl tert-Amyl Ether (TAME)	ND		ug/L	0.5	0.09	08/03/24	08/03/24
Xylene (total)	ND		ug/L	0.5		08/03/24	08/03/24
Total Trihalomethanes (THMs)	ND		ug/L	0.5		08/03/24	08/03/24
Surrogates				Limits			
Dibromofluoromethane	107%		%REC	70-130		08/03/24	08/03/24
1,2-Dichloroethane-d4	94%		%REC	70-130		08/03/24	08/03/24
Toluene-d8	95%		%REC	70-130		08/03/24	08/03/24
Bromofluorobenzene	100%		%REC	70-130		08/03/24	08/03/24

Batch QC

Type: Matrix Spike	Lab ID: QC1175072	Batch: 346789
Matrix (Source ID): Water (513440-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1175072 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Acrylonitrile	1,989	ND	2500	ug/L	80%		59-129	50
Freon 12	2,163	ND	2500	ug/L	87%		54-130	50
Chloromethane	2,408	ND	2500	ug/L	96%		65-130	50
Vinyl Chloride	2,611	ND	2500	ug/L	104%		70-130	50
Bromomethane	3,226	ND	2500	ug/L	129%	b	58-141	50
Chloroethane	2,398	ND	2500	ug/L	96%		52-141	50
Trichlorofluoromethane	2,754	ND	2500	ug/L	110%		70-130	50
Acetone	11,110	ND	6250	ug/L	178%	*	53-129	50
Freon 113	2,648	ND	2500	ug/L	106%		70-130	50
1,1-Dichloroethene	2,311	ND	2500	ug/L	92%		70-130	50
Methylene Chloride	2,609	ND	2500	ug/L	104%		67-130	50
Carbon Disulfide	2,491	ND	2500	ug/L	100%		70-130	50
MTBE	2,266	ND	2500	ug/L	91%		75-130	50
trans-1,2-Dichloroethene	2,452	ND	2500	ug/L	98%		70-130	50
1,1-Dichloroethane	2,330	ND	2500	ug/L	93%		70-130	50
2-Butanone	9,304	1596	6250	ug/L	123%		55-126	50
cis-1,2-Dichloroethene	2,348	ND	2500	ug/L	94%		80-130	50
2,2-Dichloropropane	1,952	ND	2500	ug/L	78%		77-130	50
Chloroform	2,441	ND	2500	ug/L	98%		70-130	50
Bromochloromethane	2,650	ND	2500	ug/L	106%		70-130	50
1,1,1-Trichloroethane	2,326	ND	2500	ug/L	93%		70-130	50
1,1-Dichloropropene	2,338	ND	2500	ug/L	94%		70-130	50
Carbon Tetrachloride	2,684	ND	2500	ug/L	107%		70-130	50
1,2-Dichloroethane	2,100	ND	2500	ug/L	84%		70-130	50
Benzene	2,293	9.290	2500	ug/L	91%		70-130	50
Trichloroethene	2,364	ND	2500	ug/L	95%		63-130	50
1,2-Dichloropropane	2,250	ND	2500	ug/L	90%		70-130	50
Bromodichloromethane	2,344	ND	2500	ug/L	94%		70-130	50
Dibromomethane	2,425	ND	2500	ug/L	97%		70-130	50
4-Methyl-2-Pentanone	5,120	ND	6250	ug/L	82%		59-130	50
cis-1,3-Dichloropropene	2,195	ND	2500	ug/L	88%		70-130	50
Toluene	2,166	22.48	2500	ug/L	86%		70-130	50
trans-1,3-Dichloropropene	2,217	ND	2500	ug/L	89%		70-130	50
1,1,2-Trichloroethane	2,507	ND	2500	ug/L	100%		70-130	50
2-Hexanone	6,471	ND	6250	ug/L	104%		52-130	50
1,3-Dichloropropane	2,353	ND	2500	ug/L	94%		70-130	50
Tetrachloroethene	2,414	ND	2500	ug/L	97%		49-130	50
Dibromochloromethane	2,673	ND	2500	ug/L	107%		70-130	50
1,2-Dibromoethane	2,419	ND	2500	ug/L	97%		70-130	50
Chlorobenzene	2,365	ND	2500	ug/L	95%		70-130	50
1,1,1,2-Tetrachloroethane	2,541	ND	2500	ug/L	102%		70-130	50
Ethylbenzene	2,199	8.721	2500	ug/L	88%		70-130	50
m,p-Xylenes	4,403	15.25	5000	ug/L	88%		70-131	50
o-Xylene	2,140	7.647	2500	ug/L	85%		70-130	50
Styrene	2,383	ND	2500	ug/L	95%		67-130	50

Batch QC

QC1175072 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Bromoform	2,568	ND	2500	ug/L	103%		70-130	50
Isopropylbenzene	2,125	ND	2500	ug/L	85%		70-130	50
1,1,2,2-Tetrachloroethane	2,665	ND	2500	ug/L	107%		70-141	50
1,2,3-Trichloropropane	2,325	ND	2500	ug/L	93%		70-138	50
Propylbenzene	2,194	ND	2500	ug/L	88%		70-134	50
Bromobenzene	2,242	ND	2500	ug/L	90%		70-130	50
1,3,5-Trimethylbenzene	2,280	ND	2500	ug/L	91%		70-130	50
2-Chlorotoluene	2,197	ND	2500	ug/L	88%		70-131	50
4-Chlorotoluene	2,223	ND	2500	ug/L	89%		70-133	50
tert-Butylbenzene	2,189	ND	2500	ug/L	88%		70-130	50
1,2,4-Trimethylbenzene	2,162	6.716	2500	ug/L	86%		70-130	50
sec-Butylbenzene	2,160	ND	2500	ug/L	86%		70-132	50
para-Isopropyl Toluene	2,209	10.37	2500	ug/L	88%		70-130	50
1,3-Dichlorobenzene	2,351	ND	2500	ug/L	94%		70-130	50
1,4-Dichlorobenzene	2,279	10.12	2500	ug/L	91%		70-130	50
n-Butylbenzene	2,081	ND	2500	ug/L	83%		70-138	50
1,2-Dichlorobenzene	2,372	ND	2500	ug/L	95%		70-130	50
1,2-Dibromo-3-Chloropropane	2,724	ND	2500	ug/L	109%		70-130	50
1,2,4-Trichlorobenzene	2,409	ND	2500	ug/L	96%		70-133	50
Hexachlorobutadiene	2,082	ND	2500	ug/L	83%		70-148	50
Naphthalene	2,472	ND	2500	ug/L	99%		70-144	50
1,2,3-Trichlorobenzene	2,380	ND	2500	ug/L	95%		70-131	50
Isopropyl Ether (DIPE)	4,016	ND	5000	ug/L	80%		70-130	50
Ethyl tert-Butyl Ether (ETBE)	2,174	ND	2500	ug/L	87%		70-130	50
tert-Butyl Alcohol (TBA)	10,630	1241	12500	ug/L	75%		51-122	50
Methyl tert-Amyl Ether (TAME)	2,035	ND	2500	ug/L	81%		70-130	50
Surrogates								
Dibromofluoromethane	2,633		2500	ug/L	105%		70-130	50
1,2-Dichloroethane-d4	2,321		2500	ug/L	93%		70-130	50
Toluene-d8	2,398		2500	ug/L	96%		70-130	50
Bromofluorobenzene	2,418		2500	ug/L	97%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1175073	Batch: 346789
Matrix (Source ID): Water (513440-001)	Method: EPA 624.1	Prep Method: EPA 624.1

QC1175073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Acrylonitrile	2,101	ND	2500	ug/L	84%		59-129	5	25	50
Freon 12	2,189	ND	2500	ug/L	88%		54-130	1	30	50
Chloromethane	2,496	ND	2500	ug/L	100%		65-130	4	30	50
Vinyl Chloride	2,598	ND	2500	ug/L	104%		70-130	0	30	50
Bromomethane	3,393	ND	2500	ug/L	136%	b	58-141	5	26	50
Chloroethane	2,517	ND	2500	ug/L	101%		52-141	5	46	50
Trichlorofluoromethane	2,815	ND	2500	ug/L	113%		70-130	2	30	50
Acetone	11,820	ND	6250	ug/L	189%	*	53-129	6	28	50
Freon 113	2,766	ND	2500	ug/L	111%		70-130	4	30	50
1,1-Dichloroethene	2,411	ND	2500	ug/L	96%		70-130	4	30	50
Methylene Chloride	2,723	ND	2500	ug/L	109%		67-130	4	30	50
Carbon Disulfide	2,655	ND	2500	ug/L	106%		70-130	6	30	50
MTBE	2,471	ND	2500	ug/L	99%		75-130	9	30	50
trans-1,2-Dichloroethene	2,594	ND	2500	ug/L	104%		70-130	6	30	50
1,1-Dichloroethane	2,504	ND	2500	ug/L	100%		70-130	7	30	50
2-Butanone	9,922	1596	6250	ug/L	133%	*	55-126	6	26	50
cis-1,2-Dichloroethene	2,507	ND	2500	ug/L	100%		80-130	7	30	50
2,2-Dichloropropane	2,069	ND	2500	ug/L	83%		77-130	6	30	50
Chloroform	2,602	ND	2500	ug/L	104%		70-130	6	30	50
Bromochloromethane	2,868	ND	2500	ug/L	115%		70-130	8	30	50
1,1,1-Trichloroethane	2,481	ND	2500	ug/L	99%		70-130	6	30	50
1,1-Dichloropropene	2,532	ND	2500	ug/L	101%		70-130	8	30	50
Carbon Tetrachloride	2,816	ND	2500	ug/L	113%		70-130	5	30	50
1,2-Dichloroethane	2,283	ND	2500	ug/L	91%		70-130	8	30	50
Benzene	2,445	9.290	2500	ug/L	97%		70-130	6	30	50
Trichloroethene	2,487	ND	2500	ug/L	99%		63-130	5	30	50
1,2-Dichloropropane	2,367	ND	2500	ug/L	95%		70-130	5	30	50
Bromodichloromethane	2,453	ND	2500	ug/L	98%		70-130	5	30	50
Dibromomethane	2,561	ND	2500	ug/L	102%		70-130	5	30	50
4-Methyl-2-Pentanone	5,489	ND	6250	ug/L	88%		59-130	7	24	50
cis-1,3-Dichloropropene	2,336	ND	2500	ug/L	93%		70-130	6	30	50
Toluene	2,306	22.48	2500	ug/L	91%		70-130	6	30	50
trans-1,3-Dichloropropene	2,381	ND	2500	ug/L	95%		70-130	7	30	50
1,1,2-Trichloroethane	2,659	ND	2500	ug/L	106%		70-130	6	30	50
2-Hexanone	6,844	ND	6250	ug/L	110%		52-130	6	27	50
1,3-Dichloropropane	2,529	ND	2500	ug/L	101%		70-130	7	30	50
Tetrachloroethene	2,551	ND	2500	ug/L	102%		49-130	5	30	50
Dibromochloromethane	2,836	ND	2500	ug/L	113%		70-130	6	30	50
1,2-Dibromoethane	2,633	ND	2500	ug/L	105%		70-130	8	30	50
Chlorobenzene	2,484	ND	2500	ug/L	99%		70-130	5	30	50
1,1,1,2-Tetrachloroethane	2,714	ND	2500	ug/L	109%		70-130	7	30	50
Ethylbenzene	2,361	8.721	2500	ug/L	94%		70-130	7	30	50
m,p-Xylenes	4,644	15.25	5000	ug/L	93%		70-131	5	30	50
o-Xylene	2,278	7.647	2500	ug/L	91%		70-130	6	30	50
Styrene	2,549	ND	2500	ug/L	102%		67-130	7	30	50

Batch QC

QC1175073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Bromoform	2,748	ND	2500	ug/L	110%		70-130	7	30	50
Isopropylbenzene	2,201	ND	2500	ug/L	88%		70-130	4	30	50
1,1,2,2-Tetrachloroethane	2,810	ND	2500	ug/L	112%		70-141	5	30	50
1,2,3-Trichloropropane	2,430	ND	2500	ug/L	97%		70-138	4	30	50
Propylbenzene	2,303	ND	2500	ug/L	92%		70-134	5	30	50
Bromobenzene	2,384	ND	2500	ug/L	95%		70-130	6	30	50
1,3,5-Trimethylbenzene	2,351	ND	2500	ug/L	94%		70-130	3	30	50
2-Chlorotoluene	2,298	ND	2500	ug/L	92%		70-131	5	30	50
4-Chlorotoluene	2,286	ND	2500	ug/L	91%		70-133	3	30	50
tert-Butylbenzene	2,252	ND	2500	ug/L	90%		70-130	3	30	50
1,2,4-Trimethylbenzene	2,269	6.716	2500	ug/L	90%		70-130	5	30	50
sec-Butylbenzene	2,246	ND	2500	ug/L	90%		70-132	4	30	50
para-Isopropyl Toluene	2,298	10.37	2500	ug/L	92%		70-130	4	30	50
1,3-Dichlorobenzene	2,473	ND	2500	ug/L	99%		70-130	5	30	50
1,4-Dichlorobenzene	2,384	10.12	2500	ug/L	95%		70-130	5	30	50
n-Butylbenzene	2,207	ND	2500	ug/L	88%		70-138	6	30	50
1,2-Dichlorobenzene	2,493	ND	2500	ug/L	100%		70-130	5	30	50
1,2-Dibromo-3-Chloropropane	2,887	ND	2500	ug/L	115%		70-130	6	30	50
1,2,4-Trichlorobenzene	2,593	ND	2500	ug/L	104%		70-133	7	30	50
Hexachlorobutadiene	2,243	ND	2500	ug/L	90%		70-148	7	30	50
Naphthalene	2,648	ND	2500	ug/L	106%		70-144	7	30	50
1,2,3-Trichlorobenzene	2,581	ND	2500	ug/L	103%		70-131	8	30	50
Isopropyl Ether (DIPE)	4,292	ND	5000	ug/L	86%		70-130	7	30	50
Ethyl tert-Butyl Ether (ETBE)	2,344	ND	2500	ug/L	94%		70-130	8	30	50
tert-Butyl Alcohol (TBA)	11,580	1241	12500	ug/L	83%		51-122	9	33	50
Methyl tert-Amyl Ether (TAME)	2,194	ND	2500	ug/L	88%		70-130	7	30	50
Surrogates										
Dibromofluoromethane	2,675		2500	ug/L	107%		70-130			50
1,2-Dichloroethane-d4	2,328		2500	ug/L	93%		70-130			50
Toluene-d8	2,416		2500	ug/L	97%		70-130			50
Bromofluorobenzene	2,399		2500	ug/L	96%		70-130			50

* Value is outside QC limits

ND Not Detected

b See narrative

