UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 22-0366
Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

September 26, 2022

MEMORANDUM

SUBJECT: FINAL Analytical Report
Project: 22-0366, Jackson, MS Emer. Response Deploy

FROM: Floyd Wellborn
LSB Organic Chemistry Section Chief

THRU: Stacie Masters, Chief
Laboratory Services Branch

TO: Derek Little

Attached are the final results for the analytical groups listed below. This report shall not be reproduced except in full without approval of the Region 4 laboratory. These analyses were performed in accordance with the Laboratory Services Branch's Laboratory Operations and Quality Assurance Manual (LSB LOQAM) found at www.epa.gov/region4/sesd/asbsop. Any unique project data quality objectives specified in writing by the data requestor have also been incorporated into the data unless otherwise noted in the Report Narrative. Chemistry data have been verified based on the LSB LOQAM specifications and have been qualified by this laboratory if the applicable quality control criteria were not met. Verification is defined in Chapter 5 of the LSB LOQAM. For a listing of specific data qualifiers and explanations, please refer to the Data Qualifier Definitions included in this report. The reported results are accurate within the limits of the method(s) and are representative only of the samples as received by the laboratory.

Analyses Included in this report:	Method Used:	Accreditations:
Classical/Nutrient Analyses (CNA)		
Classical/Nutrients	EPA 300.0 (Water)	ISO/DW
Semi Volatile Organics (SVOA)		
Semivolatile organic compounds	EPA 525.2 (Water)	DW
Total Metals (TMTL)		
Total Mercury	EPA 245.1 (Water)	ISO/DW
Total Metals	EPA 200.7 (Water)	ISO
Total Metals	EPA 200.7 (Water)	ISO/DW
Total Metals	EPA 200.8 (Water)	ISO/DW
Volatile Organics (VOA)		
Volatile organic compounds	EPA 524.4 (Water)	DW

Sample Disposal Policy

Due to limited space for long term sample storage, LSB's policy is to dispose of samples on a periodic schedule. Air samples collected in summa canisters will be disposed of 30 days following the issuance of this report. All other sample media including original samples, sample extracts and or digestates will be disposed of, in accordance with applicable regulations, 60 days from the date of this report.

This sample disposal policy does not apply to criminal samples which are held until the laboratory is notified by the criminal investigators that case development and litigation are complete.

These samples may be held in the laboratory's custody for a longer period of time. If samples require storage beyond the 60-day period, please contact the Sample Control Coordinator by e-mail at R4SampleCustody@epa.gov.

SAMPLES INCLUDED IN THIS REPORT

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID	Laboratory ID	Matrix	Date Collected	Date Received
Curtis Conventional 2	E223907-01	Potable Water	9/22/22 08:20	9/22/22 19:35
Curtis Membrane	E223907-02	Potable Water	9/22/22 08:30	9/22/22 19:35
Fewell	E223907-03	Potable Water	9/22/22 09:20	9/22/22 19:35
Trip Blank	E223907-04	Trip Blank - Water	9/22/22 09:20	9/22/22 19:35
Curtis Conventional	E223908-01	Potable Water	9/21/22 12:28	9/22/22 19:34
Curtis Membrane 092122	E223908-02	Potable Water	9/21/22 12:00	9/22/22 19:34
Fewell 092122	E223908-03	Potable Water	9/21/22 16:15	9/22/22 19:34

DATA QUALIFIER DEFINITIONS

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
QR-1	MRL verification recovery less than lower control limits.

ACRONYMS AND ABBREVIATIONS

CAS Chemical Abstracts Service

Note: Analytes with no known CAS identifiers have been assigned codes beginning with "E", the EPA ID as assigned by the EPA Substance Registry System (www.epa.gov/srs), or beginning with "R4-", a unique identifier assigned by the EPA Region 4 laboratory.

MDL Method Detection Limit - The minimum concentration of a substance (an analyte) that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero.

MRL Minimum Reporting Limit - Analyte concentration that corresponds to the lowest demonstrated level of acceptable quantitation. The MRL is sample-specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments.

TIC Tentatively Identified Compound - An analyte identified based on a match with the instrument software's mass spectral library. A calibration standard has not been analyzed to confirm the compound's identification or the estimated concentration reported.

ACCREDITATIONS:

ISO Accredited to ISO/IEC 17025:2017 and accreditation requirements for Forensic Science Testing Laboratories.

Refer to the certificate and scope of accreditation FT-0330 at:
http://www.epa.gov/aboutepa/about-region-4s-science-and-ecosystem-support-division-sesd

NR Not accredited for this test.

DW Accredited for conformance with ISO/IEC 17025:2017 and testing elements in the Fifth Edition of the Manual for the Certification of Laboratories Analyzing Drinking Water, EPA 815-R-05-004, 2005.

Refer to the certificate and scope of accreditation AT-2628 at:
http://www.epa.gov/aboutepa/about-region-4s-science-and-ecosystem-support-division-sesd

ISO/DW Accredited to ISO/IEC 17025:2017 and accreditation requirements for Forensic Science Testing Labs, and conformance with ISO/IEC 17025:2017 and testing elements in the Manual for the Certification of Laboratories Analyzing Drinking Water.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional 2 **Lab ID:** E223907-01
Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/22/22 8:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
67-64-1	Acetone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
71-43-2	Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-27-4	Bromodichloromethane	3.6		ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional 2 **Lab ID:** E223907-01

Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/22/22 8:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-15-0	Carbon disulfide	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-00-3	Chloroethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
67-66-3	Chloroform	61		ug/L	2.5	9/23/22 9:22	9/23/22 12:55	EPA 524.4
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
591-78-6	Methyl Butyl Ketone	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
78-93-3	Methyl Ethyl Ketone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 2:36	EPA 524.4
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional 2 **Lab ID:** E223907-01

Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/22/22 8:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
100-42-5	Styrene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
108-88-3	Toluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 2:36	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane **Lab ID:** E223907-02

Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/22/22 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
67-64-1	Acetone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
71-43-2	Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-27-4	Bromodichloromethane	1.0		ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane **Lab ID:** E223907-02

Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/22/22 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-15-0	Carbon disulfide	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-00-3	Chloroethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
67-66-3	Chloroform	24		ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
591-78-6	Methyl Butyl Ketone	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
78-93-3	Methyl Ethyl Ketone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:02	EPA 524.4
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane **Lab ID:** E223907-02

Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/22/22 8:30

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
100-42-5	Styrene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
108-88-3	Toluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:02	EPA 524.4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 22-0366
Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell **Lab ID:** E223907-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
67-64-1	Acetone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
71-43-2	Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-27-4	Bromodichloromethane	3.7		ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell **Lab ID:** E223907-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-15-0	Carbon disulfide	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-00-3	Chloroethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
67-66-3	Chloroform	25		ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
591-78-6	Methyl Butyl Ketone	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
78-93-3	Methyl Ethyl Ketone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:27	EPA 524.4
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell **Lab ID:** E223907-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
100-42-5	Styrene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
108-88-3	Toluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:27	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Trip Blank **Lab ID:** E223907-04

Station ID: **Matrix:** Trip Blank - Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
R4-7156	(m- and/or p-)Xylene	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
71-55-6	1,1,1-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
79-00-5	1,1,2-Trichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-34-3	1,1-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-35-4	1,1-Dichloroethene (1,1-Dichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
563-58-6	1,1-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
87-61-6	1,2,3-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
96-18-4	1,2,3-Trichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
120-82-1	1,2,4-Trichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
95-63-6	1,2,4-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
106-93-4	1,2-Dibromoethane (EDB)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
95-50-1	1,2-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
107-06-2	1,2-Dichloroethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
78-87-5	1,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-67-8	1,3,5-Trimethylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
541-73-1	1,3-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
142-28-9	1,3-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
106-46-7	1,4-Dichlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
594-20-7	2,2-Dichloropropane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
67-64-1	Acetone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
71-43-2	Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-86-1	Bromobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
74-97-5	Bromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-27-4	Bromodichloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Trip Blank **Lab ID:** E223907-04

Station ID: **Matrix:** Trip Blank - Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
75-25-2	Bromoform	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
74-83-9	Bromomethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-15-0	Carbon disulfide	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
56-23-5	Carbon Tetrachloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-90-7	Chlorobenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-00-3	Chloroethane	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
67-66-3	Chloroform	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
74-87-3	Chloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
156-59-2	cis-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
10061-01-5	cis-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
110-82-7	Cyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
124-48-1	Dibromochloromethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
74-95-3	Dibromomethane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-71-8	Dichlorodifluoromethane (Freon 12)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
100-41-4	Ethyl Benzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
87-68-3	Hexachlorobutadiene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
98-82-8	Isopropylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
79-20-9	Methyl Acetate	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
591-78-6	Methyl Butyl Ketone	2.0	U	ug/L	2.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
78-93-3	Methyl Ethyl Ketone	4.0	U	ug/L	4.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-10-1	Methyl Isobutyl Ketone	1.0	U	ug/L	1.0	9/22/22 18:00	9/23/22 3:52	EPA 524.4
1634-04-4	Methyl T-Butyl Ether (MTBE)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-87-2	Methylcyclohexane	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-09-2	Methylene Chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
104-51-8	n-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
103-65-1	n-Propylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
95-49-8	o-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
95-47-6	o-Xylene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
106-43-4	p-Chlorotoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4

Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Trip Blank **Lab ID:** E223907-04

Station ID: **Matrix:** Trip Blank - Water

Date Collected: 9/22/22 9:20

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
99-87-6	p-Isopropyltoluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
135-98-8	sec-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
100-42-5	Styrene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
98-06-6	tert-Butylbenzene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
127-18-4	Tetrachloroethene (Tetrachloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
108-88-3	Toluene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
156-60-5	trans-1,2-Dichloroethene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
10061-02-6	trans-1,3-Dichloropropene	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
79-01-6	Trichloroethene (Trichloroethylene)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-69-4	Trichlorofluoromethane (Freon 11)	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4
75-01-4	Vinyl chloride	0.50	U	ug/L	0.50	9/22/22 18:00	9/23/22 3:52	EPA 524.4

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Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

Semi Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional **Lab ID:** E223908-01
Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/21/22 12:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
15972-60-8	Alachlor	1.2	U	ug/L	1.2	9/23/22 8:23	9/24/22 17:47	EPA 525.2
50-32-8	Benzo(a)pyrene	0.23	U	ug/L	0.23	9/23/22 8:23	9/24/22 17:47	EPA 525.2
103-23-1	Bis-(2-Ethylhexyl) Adipate	1.2	U	ug/L	1.2	9/23/22 8:23	9/24/22 17:47	EPA 525.2
117-81-7	Bis(2-ethylhexyl) phthalate	7.0	U	ug/L	7.0	9/23/22 8:23	9/24/22 17:47	EPA 525.2
72-20-8	Endrin	2.3	U	ug/L	2.3	9/23/22 8:23	9/24/22 17:47	EPA 525.2
58-89-9	gamma-BHC (Lindane)	0.23	U	ug/L	0.23	9/23/22 8:23	9/24/22 17:47	EPA 525.2
76-44-8	Heptachlor	0.47	U	ug/L	0.47	9/23/22 8:23	9/24/22 17:47	EPA 525.2
1024-57-3	Heptachlor epoxide	0.23	U	ug/L	0.23	9/23/22 8:23	9/24/22 17:47	EPA 525.2
118-74-1	Hexachlorobenzene (HCB)	1.2	U	ug/L	1.2	9/23/22 8:23	9/24/22 17:47	EPA 525.2
77-47-4	Hexachlorocyclopentadiene (HCCP)	1.2	U	ug/L	1.2	9/23/22 8:23	9/24/22 17:47	EPA 525.2
72-43-5	Methoxychlor	12	U	ug/L	12	9/23/22 8:23	9/24/22 17:47	EPA 525.2
122-34-9	Simazine	1.2	U	ug/L	1.2	9/23/22 8:23	9/24/22 17:47	EPA 525.2

Total Metals

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional **Lab ID:** E223908-01

Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/21/22 12:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.10	U	ug/L	0.10	9/23/22 11:37	9/24/22 14:32	EPA 245.1
7429-90-5	Aluminum	100	U	ug/L	100	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-36-0	Antimony	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-38-2	Arsenic	0.58		ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-39-3	Barium	28		ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-41-7	Beryllium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-43-9	Cadmium	0.25	U	ug/L	0.25	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-70-2	Calcium	8100		ug/L	250	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-47-3	Chromium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-48-4	Cobalt	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-50-8	Copper	22		ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7439-89-6	Iron	140	J, QR-1	ug/L	100	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7439-92-1	Lead	0.78		ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7439-95-4	Magnesium	900		ug/L	250	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7439-96-5	Manganese	28		ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7439-98-7	Molybdenum	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-02-0	Nickel	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-09-7	Potassium	2200		ug/L	1000	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7782-49-2	Selenium	1.0	U	ug/L	1.0	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-22-4	Silver	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-23-5	Sodium	1800		ug/L	1000	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-24-6	Strontium	25		ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-28-0	Thallium	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:14	EPA 200.8
7440-31-5	Tin	15	U	ug/L	15	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-32-6	Titanium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-62-2	Vanadium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-65-5	Yttrium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:26	EPA 200.7
7440-66-6	Zinc	75		ug/L	10	9/23/22 8:29	9/24/22 11:26	EPA 200.7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
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D.A.R.T. Id: 22-0366
Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

Classical/Nutrient Analyses

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Conventional **Lab ID:** E223908-01

Station ID: CURTIS CONVENTIONAL **Matrix:** Potable Water

Date Collected: 9/21/22 12:28

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
16984-48-8	Fluoride	0.050	U	mg/L	0.050	9/23/22 10:00	9/23/22 20:54	EPA 300.0

Semi Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane 092122 **Lab ID:** E223908-02

Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/21/22 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
15972-60-8	Alachlor	1.1	U	ug/L	1.1	9/23/22 8:23	9/24/22 18:08	EPA 525.2
50-32-8	Benzo(a)pyrene	0.22	U	ug/L	0.22	9/23/22 8:23	9/24/22 18:08	EPA 525.2
103-23-1	Bis-(2-Ethylhexyl) Adipate	1.1	U	ug/L	1.1	9/23/22 8:23	9/24/22 18:08	EPA 525.2
117-81-7	Bis(2-ethylhexyl) phthalate	6.5	U	ug/L	6.5	9/23/22 8:23	9/24/22 18:08	EPA 525.2
72-20-8	Endrin	2.2	U	ug/L	2.2	9/23/22 8:23	9/24/22 18:08	EPA 525.2
58-89-9	gamma-BHC (Lindane)	0.22	U	ug/L	0.22	9/23/22 8:23	9/24/22 18:08	EPA 525.2
76-44-8	Heptachlor	0.43	U	ug/L	0.43	9/23/22 8:23	9/24/22 18:08	EPA 525.2
1024-57-3	Heptachlor epoxide	0.22	U	ug/L	0.22	9/23/22 8:23	9/24/22 18:08	EPA 525.2
118-74-1	Hexachlorobenzene (HCB)	1.1	U	ug/L	1.1	9/23/22 8:23	9/24/22 18:08	EPA 525.2
77-47-4	Hexachlorocyclopentadiene (HCCP)	1.1	U	ug/L	1.1	9/23/22 8:23	9/24/22 18:08	EPA 525.2
72-43-5	Methoxychlor	11	U	ug/L	11	9/23/22 8:23	9/24/22 18:08	EPA 525.2
122-34-9	Simazine	1.1	U	ug/L	1.1	9/23/22 8:23	9/24/22 18:08	EPA 525.2

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Total Metals

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane 092122 **Lab ID:** E223908-02
Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/21/22 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.10	U	ug/L	0.10	9/23/22 11:37	9/24/22 14:36	EPA 245.1
7429-90-5	Aluminum	100	U	ug/L	100	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-36-0	Antimony	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-38-2	Arsenic	0.83		ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-39-3	Barium	19		ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-41-7	Beryllium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-43-9	Cadmium	0.25	U	ug/L	0.25	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-70-2	Calcium	5900		ug/L	250	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-47-3	Chromium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-48-4	Cobalt	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-50-8	Copper	0.71		ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7439-89-6	Iron	100	U, J, QR-1	ug/L	100	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7439-92-1	Lead	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7439-95-4	Magnesium	850		ug/L	250	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7439-96-5	Manganese	96		ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7439-98-7	Molybdenum	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-02-0	Nickel	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-09-7	Potassium	2200		ug/L	1000	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7782-49-2	Selenium	1.0	U	ug/L	1.0	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-22-4	Silver	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-23-5	Sodium	1700		ug/L	1000	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-24-6	Strontium	23		ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-28-0	Thallium	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:19	EPA 200.8
7440-31-5	Tin	15	U	ug/L	15	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-32-6	Titanium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-62-2	Vanadium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-65-5	Yttrium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:29	EPA 200.7
7440-66-6	Zinc	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:29	EPA 200.7

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Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

Classical/Nutrient Analyses

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Curtis Membrane 092122 **Lab ID:** E223908-02

Station ID: CURTIS MEMBRANE **Matrix:** Potable Water

Date Collected: 9/21/22 12:00

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
16984-48-8	Fluoride	0.050	U	mg/L	0.050	9/23/22 10:00	9/23/22 21:09	EPA 300.0

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Semi Volatile Organics

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell 092122 **Lab ID:** E223908-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/21/22 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
15972-60-8	Alachlor	1.0	U	ug/L	1.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2
50-32-8	Benzo(a)pyrene	0.20	U	ug/L	0.20	9/23/22 8:23	9/24/22 18:30	EPA 525.2
103-23-1	Bis-(2-Ethylhexyl) Adipate	1.0	U	ug/L	1.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2
117-81-7	Bis(2-ethylhexyl) phthalate	6.1	U	ug/L	6.1	9/23/22 8:23	9/24/22 18:30	EPA 525.2
72-20-8	Endrin	2.0	U	ug/L	2.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2
58-89-9	gamma-BHC (Lindane)	0.20	U	ug/L	0.20	9/23/22 8:23	9/24/22 18:30	EPA 525.2
76-44-8	Heptachlor	0.40	U	ug/L	0.40	9/23/22 8:23	9/24/22 18:30	EPA 525.2
1024-57-3	Heptachlor epoxide	0.20	U	ug/L	0.20	9/23/22 8:23	9/24/22 18:30	EPA 525.2
118-74-1	Hexachlorobenzene (HCB)	1.0	U	ug/L	1.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2
77-47-4	Hexachlorocyclopentadiene (HCCP)	1.0	U	ug/L	1.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2
72-43-5	Methoxychlor	10	U	ug/L	10	9/23/22 8:23	9/24/22 18:30	EPA 525.2
122-34-9	Simazine	1.0	U	ug/L	1.0	9/23/22 8:23	9/24/22 18:30	EPA 525.2

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Total Metals

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell 092122 **Lab ID:** E223908-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/21/22 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
7439-97-6	Mercury	0.10	U	ug/L	0.10	9/23/22 11:37	9/24/22 14:40	EPA 245.1
7429-90-5	Aluminum	100	U	ug/L	100	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-36-0	Antimony	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-38-2	Arsenic	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-39-3	Barium	27		ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-41-7	Beryllium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-43-9	Cadmium	0.25	U	ug/L	0.25	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-70-2	Calcium	36000		ug/L	250	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-47-3	Chromium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-48-4	Cobalt	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-50-8	Copper	0.81		ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7439-89-6	Iron	100	U, J, QR-1	ug/L	100	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7439-92-1	Lead	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7439-95-4	Magnesium	1400		ug/L	250	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7439-96-5	Manganese	98		ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7439-98-7	Molybdenum	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-02-0	Nickel	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-09-7	Potassium	2100		ug/L	1000	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7782-49-2	Selenium	1.0	U	ug/L	1.0	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-22-4	Silver	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-23-5	Sodium	3500		ug/L	1000	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-24-6	Strontium	70		ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-28-0	Thallium	0.50	U	ug/L	0.50	9/23/22 8:33	9/24/22 11:54	EPA 200.8
7440-31-5	Tin	15	U	ug/L	15	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-32-6	Titanium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-62-2	Vanadium	5.0	U	ug/L	5.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-65-5	Yttrium	3.0	U	ug/L	3.0	9/23/22 8:29	9/24/22 11:37	EPA 200.7
7440-66-6	Zinc	10	U	ug/L	10	9/23/22 8:29	9/24/22 11:37	EPA 200.7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 4 Laboratory Services and Applied Science Division
980 College Station Road, Athens, Georgia 30605-2700
D.A.R.T. Id: 22-0366
Project: 22-0366, Jackson, MS Emer. Response Deploy - Reported by Floyd Wellborn

Classical/Nutrient Analyses

Project: 22-0366, Jackson, MS Emer. Response Deploy

Sample ID: Fewell 092122 **Lab ID:** E223908-03

Station ID: FEWELL **Matrix:** Potable Water

Date Collected: 9/21/22 16:15

CAS Number	Analyte	Results	Qualifiers	Units	MRL	Prepared	Analyzed	Method
16984-48-8	Fluoride	0.82		mg/L	0.050	9/23/22 10:00	9/23/22 21:24	EPA 300.0

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Blank (2209073-BLK1)				Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	U	0.50	"							U
1,1,1-Trichloroethane	U	0.50	"							U
1,1,2,2-Tetrachloroethane	U	0.50	"							U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	U	0.50	"							U
1,1,2-Trichloroethane	U	0.50	"							U
1,1-Dichloroethane	U	0.50	"							U
1,1-Dichloroethene (1,1-Dichloroethylene)	U	0.50	"							U
1,1-Dichloropropene	U	0.50	"							U
1,2,3-Trichlorobenzene	U	0.50	"							U
1,2,3-Trichloropropane	U	0.50	"							U
1,2,4-Trichlorobenzene	U	0.50	"							U
1,2,4-Trimethylbenzene	U	0.50	"							U
1,2-Dibromoethane (EDB)	U	0.50	"							U
1,2-Dichlorobenzene	U	0.50	"							U
1,2-Dichloroethane	U	0.50	"							U
1,2-Dichloropropane	U	0.50	"							U
1,3,5-Trimethylbenzene	U	0.50	"							U
1,3-Dichlorobenzene	U	0.50	"							U
1,3-Dichloropropane	U	0.50	"							U
1,4-Dichlorobenzene	U	0.50	"							U
2,2-Dichloropropane	U	0.50	"							U
Acetone	U	4.0	"							U
Benzene	U	0.50	"							U
Bromobenzene	U	0.50	"							U
Bromochloromethane	U	0.50	"							U
Bromodichloromethane	U	0.50	"							U
Bromoform	U	1.0	"							U
Bromomethane	U	2.0	"							U
Carbon disulfide	U	2.0	"							U
Carbon Tetrachloride	U	0.50	"							U
Chlorobenzene	U	0.50	"							U
Chloroethane	U	2.0	"							U
Chloroform	U	0.50	"							U
Chloromethane	U	0.50	"							U
cis-1,2-Dichloroethene	U	0.50	"							U
cis-1,3-Dichloropropene	U	0.50	"							U
Cyclohexane	U	0.50	"							U

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Blank (2209073-BLK1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Dibromochloromethane	U	0.50	ug/L							U
Dibromomethane	U	0.50	"							U
Dichlorodifluoromethane (Freon 12)	U	0.50	"							U
Ethyl Benzene	U	0.50	"							U
Hexachlorobutadiene	U	0.50	"							U
Isopropylbenzene	U	0.50	"							U
Methyl Acetate	U	1.0	"							U
Methyl Butyl Ketone	U	2.0	"							U
Methyl Ethyl Ketone	U	4.0	"							U
Methyl Isobutyl Ketone	U	1.0	"							U
Methyl T-Butyl Ether (MTBE)	U	0.50	"							U
Methylcyclohexane	U	0.50	"							U
Methylene Chloride	U	0.50	"							U
n-Butylbenzene	U	0.50	"							U
n-Propylbenzene	U	0.50	"							U
o-Chlorotoluene	U	0.50	"							U
o-Xylene	U	0.50	"							U
p-Chlorotoluene	U	0.50	"							U
p-Isopropyltoluene	U	0.50	"							U
sec-Butylbenzene	U	0.50	"							U
Styrene	U	0.50	"							U
tert-Butylbenzene	U	0.50	"							U
Tetrachloroethene (Tetrachloroethylene)	U	0.50	"							U
Toluene	U	0.50	"							U
trans-1,2-Dichloroethene	U	0.50	"							U
trans-1,3-Dichloropropene	U	0.50	"							U
Trichloroethene (Trichloroethylene)	U	0.50	"							U
Trichlorofluoromethane (Freon 11)	U	0.50	"							U
Vinyl chloride	U	0.50	"							U

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
LCS (2209073-BS1)				Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	40.868		ug/L	40.000		102	70-130			
1,1,1,2-Tetrachloroethane	20.106		"	20.000		101	70-130			
1,1,1-Trichloroethane	19.819		"	20.000		99.1	70-130			
1,1,2,2-Tetrachloroethane	19.549		"	20.000		97.7	70-130			
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	19.465		"	20.000		97.3	70-130			
1,1,2-Trichloroethane	19.796		"	20.000		99.0	70-130			
1,1-Dichloroethane	19.571		"	20.000		97.9	70-130			
1,1-Dichloroethene (1,1-Dichloroethylene)	20.122		"	20.000		101	70-130			
1,1-Dichloropropene	20.023		"	20.000		100	70-130			
1,2,3-Trichlorobenzene	20.163		"	20.000		101	70-130			
1,2,3-Trichloropropane	19.646		"	20.000		98.2	70-130			
1,2,4-Trichlorobenzene	20.548		"	20.000		103	70-130			
1,2,4-Trimethylbenzene	20.448		"	20.000		102	70-130			
1,2-Dibromoethane (EDB)	19.847		"	20.000		99.2	70-130			
1,2-Dichlorobenzene	20.013		"	20.000		100	70-130			
1,2-Dichloroethane	19.639		"	20.000		98.2	70-130			
1,2-Dichloropropane	19.856		"	20.000		99.3	70-130			
1,3,5-Trimethylbenzene	20.560		"	20.000		103	70-130			
1,3-Dichlorobenzene	20.182		"	20.000		101	70-130			
1,3-Dichloropropane	19.958		"	20.000		99.8	70-130			
1,4-Dichlorobenzene	20.182		"	20.000		101	70-130			
2,2-Dichloropropane	19.626		"	20.000		98.1	70-130			
Acetone	39.428		"	40.000		98.6	70-130			
Benzene	19.833		"	20.000		99.2	70-130			
Bromobenzene	19.974		"	20.000		99.9	70-130			
Bromochloromethane	19.713		"	20.000		98.6	70-130			
Bromodichloromethane	19.605		"	20.000		98.0	70-130			
Bromoform	39.665		"	40.000		99.2	70-130			
Bromomethane	20.450		"	20.000		102	70-130			
Carbon disulfide	20.412		"	20.000		102	70-130			
Carbon Tetrachloride	19.497		"	20.000		97.5	70-130			
Chlorobenzene	19.930		"	20.000		99.6	70-130			
Chloroethane	20.436		"	20.000		102	70-130			
Chloroform	19.674		"	20.000		98.4	70-130			
Chloromethane	19.553		"	20.000		97.8	70-130			
cis-1,2-Dichloroethene	20.031		"	20.000		100	70-130			
cis-1,3-Dichloropropene	19.831		"	20.000		99.2	70-130			
Cyclohexane	19.933		"	20.000		99.7	70-130			

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
LCS (2209073-BS1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Dibromochloromethane	19.803		ug/L	20.000		99.0	70-130			
Dibromomethane	19.464		"	20.000		97.3	70-130			
Dichlorodifluoromethane (Freon 12)	19.104		"	20.000		95.5	70-130			
Ethyl Benzene	20.206		"	20.000		101	70-130			
Hexachlorobutadiene	19.974		"	20.000		99.9	70-130			
Isopropylbenzene	20.453		"	20.000		102	70-130			
Methyl Acetate	39.080		"	40.000		97.7	70-130			
Methyl Butyl Ketone	39.441		"	40.000		98.6	70-130			
Methyl Ethyl Ketone	39.432		"	40.000		98.6	70-130			
Methyl Isobutyl Ketone	39.595		"	40.000		99.0	70-130			
Methyl T-Butyl Ether (MTBE)	19.738		"	20.000		98.7	70-130			
Methylcyclohexane	19.999		"	20.000		100	70-130			
Methylene Chloride	19.441		"	20.000		97.2	70-130			
n-Butylbenzene	20.451		"	20.000		102	70-130			
n-Propylbenzene	20.323		"	20.000		102	70-130			
o-Chlorotoluene	20.208		"	20.000		101	70-130			
o-Xylene	20.373		"	20.000		102	70-130			
p-Chlorotoluene	20.201		"	20.000		101	70-130			
p-Isopropyltoluene	20.639		"	20.000		103	70-130			
sec-Butylbenzene	20.557		"	20.000		103	70-130			
Styrene	20.406		"	20.000		102	70-130			
tert-Butylbenzene	20.533		"	20.000		103	70-130			
Tetrachloroethene (Tetrachloroethylene)	19.801		"	20.000		99.0	70-130			
Toluene	20.189		"	20.000		101	70-130			
trans-1,2-Dichloroethene	19.909		"	20.000		99.5	70-130			
trans-1,3-Dichloropropene	20.082		"	20.000		100	70-130			
Trichloroethene (Trichloroethylene)	19.922		"	20.000		99.6	70-130			
Trichlorofluoromethane (Freon 11)	19.793		"	20.000		99.0	70-130			
Vinyl chloride	19.658		"	20.000		98.3	70-130			

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
LCS Dup (2209073-BSD1)				Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	39.741		ug/L	40.000		99.4	70-130	2.80	30	
1,1,1,2-Tetrachloroethane	19.638		"	20.000		98.2	70-130	2.35	30	
1,1,1-Trichloroethane	19.125		"	20.000		95.6	70-130	3.56	30	
1,1,2,2-Tetrachloroethane	19.948		"	20.000		99.7	70-130	2.02	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	18.638		"	20.000		93.2	70-130	4.34	30	
1,1,2-Trichloroethane	19.638		"	20.000		98.2	70-130	0.803	30	
1,1-Dichloroethane	19.220		"	20.000		96.1	70-130	1.81	30	
1,1-Dichloroethene (1,1-Dichloroethylene)	19.176		"	20.000		95.9	70-130	4.81	30	
1,1-Dichloropropene	19.400		"	20.000		97.0	70-130	3.16	30	
1,2,3-Trichlorobenzene	20.347		"	20.000		102	70-130	0.906	30	
1,2,3-Trichloropropane	19.851		"	20.000		99.3	70-130	1.04	30	
1,2,4-Trichlorobenzene	20.313		"	20.000		102	70-130	1.15	30	
1,2,4-Trimethylbenzene	20.245		"	20.000		101	70-130	0.999	30	
1,2-Dibromoethane (EDB)	19.736		"	20.000		98.7	70-130	0.563	30	
1,2-Dichlorobenzene	19.724		"	20.000		98.6	70-130	1.45	30	
1,2-Dichloroethane	19.295		"	20.000		96.5	70-130	1.77	30	
1,2-Dichloropropane	19.544		"	20.000		97.7	70-130	1.58	30	
1,3,5-Trimethylbenzene	20.146		"	20.000		101	70-130	2.03	30	
1,3-Dichlorobenzene	19.890		"	20.000		99.4	70-130	1.46	30	
1,3-Dichloropropane	19.842		"	20.000		99.2	70-130	0.582	30	
1,4-Dichlorobenzene	19.890		"	20.000		99.4	70-130	1.46	30	
2,2-Dichloropropane	19.051		"	20.000		95.3	70-130	2.97	30	
Acetone	39.087		"	40.000		97.7	70-130	0.870	30	
Benzene	19.244		"	20.000		96.2	70-130	3.01	30	
Bromobenzene	19.849		"	20.000		99.2	70-130	0.629	30	
Bromochloromethane	19.254		"	20.000		96.3	70-130	2.36	30	
Bromodichloromethane	19.028		"	20.000		95.1	70-130	2.98	30	
Bromoform	40.198		"	40.000		100	70-130	1.33	30	
Bromomethane	19.650		"	20.000		98.3	70-130	3.99	30	
Carbon disulfide	19.569		"	20.000		97.8	70-130	4.22	30	
Carbon Tetrachloride	18.889		"	20.000		94.4	70-130	3.17	30	
Chlorobenzene	19.517		"	20.000		97.6	70-130	2.09	30	
Chloroethane	19.310		"	20.000		96.5	70-130	5.67	30	
Chloroform	18.935		"	20.000		94.7	70-130	3.83	30	
Chloromethane	18.885		"	20.000		94.4	70-130	3.47	30	
cis-1,2-Dichloroethene	19.322		"	20.000		96.6	70-130	3.60	30	
cis-1,3-Dichloropropene	19.552		"	20.000		97.8	70-130	1.42	30	
Cyclohexane	19.227		"	20.000		96.1	70-130	3.60	30	

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
LCS Dup (2209073-BSD1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Dibromochloromethane	19.744		ug/L	20.000		98.7	70-130	0.298	30	
Dibromomethane	19.344		"	20.000		96.7	70-130	0.616	30	
Dichlorodifluoromethane (Freon 12)	18.206		"	20.000		91.0	70-130	4.81	30	
Ethyl Benzene	19.750		"	20.000		98.8	70-130	2.28	30	
Hexachlorobutadiene	19.640		"	20.000		98.2	70-130	1.69	30	
Isopropylbenzene	20.238		"	20.000		101	70-130	1.06	30	
Methyl Acetate	38.860		"	40.000		97.2	70-130	0.563	30	
Methyl Butyl Ketone	39.991		"	40.000		100	70-130	1.38	30	
Methyl Ethyl Ketone	39.701		"	40.000		99.3	70-130	0.681	30	
Methyl Isobutyl Ketone	40.053		"	40.000		100	70-130	1.15	30	
Methyl T-Butyl Ether (MTBE)	19.759		"	20.000		98.8	70-130	0.107	30	
Methylcyclohexane	19.212		"	20.000		96.1	70-130	4.01	30	
Methylene Chloride	18.975		"	20.000		94.9	70-130	2.43	30	
n-Butylbenzene	20.097		"	20.000		100	70-130	1.75	30	
n-Propylbenzene	19.964		"	20.000		99.8	70-130	1.78	30	
o-Chlorotoluene	19.920		"	20.000		99.6	70-130	1.44	30	
o-Xylene	19.848		"	20.000		99.2	70-130	2.61	30	
p-Chlorotoluene	19.867		"	20.000		99.3	70-130	1.67	30	
p-Isopropyltoluene	20.165		"	20.000		101	70-130	2.32	30	
sec-Butylbenzene	19.880		"	20.000		99.4	70-130	3.35	30	
Styrene	20.129		"	20.000		101	70-130	1.37	30	
tert-Butylbenzene	20.064		"	20.000		100	70-130	2.31	30	
Tetrachloroethene (Tetrachloroethylene)	19.304		"	20.000		96.5	70-130	2.54	30	
Toluene	19.671		"	20.000		98.4	70-130	2.60	30	
trans-1,2-Dichloroethene	19.074		"	20.000		95.4	70-130	4.28	30	
trans-1,3-Dichloropropene	20.042		"	20.000		100	70-130	0.198	30	
Trichloroethene (Trichloroethylene)	19.088		"	20.000		95.4	70-130	4.28	30	
Trichlorofluoromethane (Freon 11)	18.838		"	20.000		94.2	70-130	4.94	30	
Vinyl chloride	18.927		"	20.000		94.6	70-130	3.79	30	

Volatile Organics (VOA) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Matrix Spike (2209073-MS1)	**Source: E223907-02**			Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	22.737		ug/L	20.465	0.11210	111	70-130			
1,1,1,2-Tetrachloroethane	10.922		"	10.233	0.0000	107	70-130			
1,1,1-Trichloroethane	11.526		"	10.233	0.0000	113	70-130			
1,1,2,2-Tetrachloroethane	10.369		"	10.233	0.019300	101	70-130			
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	11.656		"	10.233	0.0000	114	70-130			
1,1,2-Trichloroethane	10.734		"	10.233	0.0000	105	70-130			
1,1-Dichloroethane	10.944		"	10.233	0.0000	107	70-130			
1,1-Dichloroethene (1,1-Dichloroethylene)	11.592		"	10.233	0.0000	113	70-130			
1,1-Dichloropropene	11.544		"	10.233	0.0000	113	70-130			
1,2,3-Trichlorobenzene	10.924		"	10.233	0.059100	106	70-130			
1,2,3-Trichloropropane	10.319		"	10.233	0.032000	101	70-130			
1,2,4-Trichlorobenzene	10.809		"	10.233	0.055000	105	70-130			
1,2,4-Trimethylbenzene	11.290		"	10.233	0.10150	109	70-130			
1,2-Dibromoethane (EDB)	10.642		"	10.233	0.0000	104	70-130			
1,2-Dichlorobenzene	10.672		"	10.233	0.0040000	104	70-130			
1,2-Dichloroethane	10.752		"	10.233	0.0000	105	70-130			
1,2-Dichloropropane	11.013		"	10.233	0.0000	108	70-130			
1,3,5-Trimethylbenzene	11.438		"	10.233	0.062300	111	70-130			
1,3-Dichlorobenzene	10.814		"	10.233	0.0000	106	70-130			
1,3-Dichloropropane	10.705		"	10.233	0.0000	105	70-130			
1,4-Dichlorobenzene	10.814		"	10.233	0.0000	106	70-130			
2,2-Dichloropropane	11.054		"	10.233	0.0000	108	70-130			
Acetone	21.419		"	20.465	0.47400	102	70-130			
Benzene	11.017		"	10.233	0.0044000	108	70-130			
Bromobenzene	10.879		"	10.233	0.0044000	106	70-130			
Bromochloromethane	10.609		"	10.233	0.0000	104	70-130			
Bromodichloromethane	12.174		"	10.233	1.0331	109	70-130			
Bromoform	20.771		"	20.465	0.051200	101	70-130			
Bromomethane	11.162		"	10.233	0.0000	109	70-130			
Carbon disulfide	11.673		"	10.233	0.0000	114	70-130			
Carbon Tetrachloride	11.573		"	10.233	0.0023000	113	70-130			
Chlorobenzene	10.969		"	10.233	0.0000	107	70-130			
Chloroethane	11.563		"	10.233	0.0000	113	70-130			
Chloroform	35.110		"	10.233	23.881	110	70-130			
Chloromethane	11.170		"	10.233	0.0000	109	70-130			
cis-1,2-Dichloroethene	11.059		"	10.233	0.0000	108	70-130			
cis-1,3-Dichloropropene	10.598		"	10.233	0.0000	104	70-130			
Cyclohexane	11.777		"	10.233	0.0021000	115	70-130			

Volatile Organics (VOA) - Quality Control

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Matrix Spike (2209073-MS1)	**Source: E223907-02**			Prepared: 09/22/22 Analyzed: 09/23/22						
Dibromochloromethane	10.764		ug/L	10.233	0.016000	105	70-130			
Dibromomethane	10.607		"	10.233	0.0000	104	70-130			
Dichlorodifluoromethane (Freon 12)	11.220		"	10.233	0.0000	110	70-130			
Ethyl Benzene	11.316		"	10.233	0.016700	110	70-130			
Hexachlorobutadiene	11.466		"	10.233	0.031700	112	70-130			
Isopropylbenzene	11.546		"	10.233	0.037700	112	70-130			
Methyl Acetate	20.629		"	20.465	0.0045000	101	70-130			
Methyl Butyl Ketone	23.642		"	20.465	0.0000	116	70-130			
Methyl Ethyl Ketone	21.566		"	20.465	0.086700	105	70-130			
Methyl Isobutyl Ketone	23.015		"	20.465	0.0000	112	70-130			
Methyl T-Butyl Ether (MTBE)	10.546		"	10.233	0.0000	103	70-130			
Methylcyclohexane	11.741		"	10.233	0.037900	114	70-130			
Methylene Chloride	10.624		"	10.233	0.0000	104	70-130			
n-Butylbenzene	11.631		"	10.233	0.053500	113	70-130			
n-Propylbenzene	11.438		"	10.233	0.039200	111	70-130			
o-Chlorotoluene	11.147		"	10.233	0.035000	109	70-130			
o-Xylene	11.242		"	10.233	0.033500	110	70-130			
p-Chlorotoluene	10.992		"	10.233	0.047400	107	70-130			
p-Isopropyltoluene	11.565		"	10.233	0.097700	112	70-130			
sec-Butylbenzene	11.667		"	10.233	0.0000	114	70-130			
Styrene	11.308		"	10.233	0.064400	110	70-130			
tert-Butylbenzene	11.406		"	10.233	0.047900	111	70-130			
Tetrachloroethene (Tetrachloroethylene)	11.478		"	10.233	0.0000	112	70-130			
Toluene	11.234		"	10.233	0.040100	109	70-130			
trans-1,2-Dichloroethene	11.448		"	10.233	0.0000	112	70-130			
trans-1,3-Dichloropropene	10.709		"	10.233	0.0000	105	70-130			
Trichloroethene (Trichloroethylene)	11.096		"	10.233	0.0000	108	70-130			
Trichlorofluoromethane (Freon 11)	11.972		"	10.233	0.0000	117	70-130			
Vinyl chloride	11.522		"	10.233	0.0000	113	70-130			

Volatile Organics (VOA) - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Matrix Spike Dup (2209073-MSD1)	**Source: E223907-02**			Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	22.650		ug/L	20.465	0.11210	110	70-130	0.384	30	
1,1,1,2-Tetrachloroethane	10.924		"	10.233	0.0000	107	70-130	0.0165	30	
1,1,1-Trichloroethane	11.545		"	10.233	0.0000	113	70-130	0.167	30	
1,1,2,2-Tetrachloroethane	10.470		"	10.233	0.019300	102	70-130	0.975	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	11.653		"	10.233	0.0000	114	70-130	0.0223	30	
1,1,2-Trichloroethane	10.643		"	10.233	0.0000	104	70-130	0.850	30	
1,1-Dichloroethane	10.868		"	10.233	0.0000	106	70-130	0.694	30	
1,1-Dichloroethene (1,1-Dichloroethylene)	11.426		"	10.233	0.0000	112	70-130	1.44	30	
1,1-Dichloropropene	11.652		"	10.233	0.0000	114	70-130	0.930	30	
1,2,3-Trichlorobenzene	10.927		"	10.233	0.059100	106	70-130	0.0320	30	
1,2,3-Trichloropropane	10.245		"	10.233	0.032000	99.8	70-130	0.723	30	
1,2,4-Trichlorobenzene	10.906		"	10.233	0.055000	106	70-130	0.895	30	
1,2,4-Trimethylbenzene	11.370		"	10.233	0.10150	110	70-130	0.712	30	
1,2-Dibromoethane (EDB)	10.608		"	10.233	0.0000	104	70-130	0.315	30	
1,2-Dichlorobenzene	10.608		"	10.233	0.0040000	104	70-130	0.601	30	
1,2-Dichloroethane	10.648		"	10.233	0.0000	104	70-130	0.974	30	
1,2-Dichloropropane	11.036		"	10.233	0.0000	108	70-130	0.208	30	
1,3,5-Trimethylbenzene	11.463		"	10.233	0.062300	111	70-130	0.217	30	
1,3-Dichlorobenzene	10.827		"	10.233	0.0000	106	70-130	0.125	30	
1,3-Dichloropropane	10.677		"	10.233	0.0000	104	70-130	0.266	30	
1,4-Dichlorobenzene	10.827		"	10.233	0.0000	106	70-130	0.125	30	
2,2-Dichloropropane	10.936		"	10.233	0.0000	107	70-130	1.07	30	
Acetone	22.131		"	20.465	0.47400	106	70-130	3.27	30	
Benzene	11.027		"	10.233	0.0044000	108	70-130	0.0925	30	
Bromobenzene	10.861		"	10.233	0.0044000	106	70-130	0.164	30	
Bromochloromethane	10.632		"	10.233	0.0000	104	70-130	0.218	30	
Bromodichloromethane	11.895		"	10.233	1.0331	106	70-130	2.32	30	
Bromoform	21.053		"	20.465	0.051200	103	70-130	1.35	30	
Bromomethane	11.263		"	10.233	0.0000	110	70-130	0.904	30	
Carbon disulfide	11.788		"	10.233	0.0000	115	70-130	0.980	30	
Carbon Tetrachloride	11.500		"	10.233	0.0023000	112	70-130	0.632	30	
Chlorobenzene	10.820		"	10.233	0.0000	106	70-130	1.37	30	
Chloroethane	11.751		"	10.233	0.0000	115	70-130	1.61	30	
Chloroform	35.751		"	10.233	23.881	116	70-130	1.81	30	
Chloromethane	11.216		"	10.233	0.0000	110	70-130	0.406	30	
cis-1,2-Dichloroethene	10.950		"	10.233	0.0000	107	70-130	0.996	30	
cis-1,3-Dichloropropene	10.531		"	10.233	0.0000	103	70-130	0.640	30	
Cyclohexane	11.799		"	10.233	0.0021000	115	70-130	0.184	30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
Matrix Spike Dup (2209073-MSD1)	**Source: E223907-02**			Prepared: 09/22/22 Analyzed: 09/23/22						
Dibromochloromethane	10.647		ug/L	10.233	0.016000	104	70-130	1.10	30	
Dibromomethane	10.503		"	10.233	0.0000	103	70-130	0.980	30	
Dichlorodifluoromethane (Freon 12)	10.799		"	10.233	0.0000	106	70-130	3.82	30	
Ethyl Benzene	11.252		"	10.233	0.016700	110	70-130	0.571	30	
Hexachlorobutadiene	11.556		"	10.233	0.031700	113	70-130	0.780	30	
Isopropylbenzene	11.474		"	10.233	0.037700	112	70-130	0.624	30	
Methyl Acetate	20.548		"	20.465	0.0045000	100	70-130	0.395	30	
Methyl Butyl Ketone	23.402		"	20.465	0.0000	114	70-130	1.02	30	
Methyl Ethyl Ketone	21.931		"	20.465	0.086700	107	70-130	1.68	30	
Methyl Isobutyl Ketone	23.003		"	20.465	0.0000	112	70-130	0.0521	30	
Methyl T-Butyl Ether (MTBE)	10.672		"	10.233	0.0000	104	70-130	1.18	30	
Methylcyclohexane	11.747		"	10.233	0.037900	114	70-130	0.0494	30	
Methylene Chloride	10.610		"	10.233	0.0000	104	70-130	0.136	30	
n-Butylbenzene	11.586		"	10.233	0.053500	113	70-130	0.389	30	
n-Propylbenzene	11.467		"	10.233	0.039200	112	70-130	0.253	30	
o-Chlorotoluene	11.060		"	10.233	0.035000	108	70-130	0.787	30	
o-Xylene	11.164		"	10.233	0.033500	109	70-130	0.694	30	
p-Chlorotoluene	11.041		"	10.233	0.047400	107	70-130	0.444	30	
p-Isopropyltoluene	11.584		"	10.233	0.097700	112	70-130	0.165	30	
sec-Butylbenzene	11.683		"	10.233	0.0000	114	70-130	0.131	30	
Styrene	11.283		"	10.233	0.064400	110	70-130	0.219	30	
tert-Butylbenzene	11.576		"	10.233	0.047900	113	70-130	1.47	30	
Tetrachloroethene (Tetrachloroethylene)	11.362		"	10.233	0.0000	111	70-130	1.02	30	
Toluene	11.164		"	10.233	0.040100	109	70-130	0.626	30	
trans-1,2-Dichloroethene	11.399		"	10.233	0.0000	111	70-130	0.435	30	
trans-1,3-Dichloropropene	10.718		"	10.233	0.0000	105	70-130	0.0849	30	
Trichloroethene (Trichloroethylene)	11.312		"	10.233	0.0000	111	70-130	1.93	30	
Trichlorofluoromethane (Freon 11)	11.914		"	10.233	0.0000	116	70-130	0.483	30	
Vinyl chloride	11.633		"	10.233	0.0000	114	70-130	0.956	30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
MRL Verification (2209073-PS1)				Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	1.0204		ug/L	1.0000		102	50-150			MRL-1
1,1,1,2-Tetrachloroethane	0.48360		"	0.50000		96.7	50-150			MRL-1
1,1,1-Trichloroethane	0.46750		"	0.50000		93.5	50-150			MRL-1
1,1,2,2-Tetrachloroethane	0.51340		"	0.50000		103	50-150			MRL-1
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.45340		"	0.50000		90.7	50-150			MRL-1
1,1,2-Trichloroethane	0.49400		"	0.50000		98.8	50-150			MRL-1
1,1-Dichloroethane	0.49920		"	0.50000		99.8	50-150			MRL-1
1,1-Dichloroethene (1,1-Dichloroethylene)	0.45940		"	0.50000		91.9	50-150			MRL-1
1,1-Dichloropropene	0.47550		"	0.50000		95.1	50-150			MRL-1
1,2,3-Trichlorobenzene	0.57770		"	0.50000		116	50-150			MRL-1
1,2,3-Trichloropropane	0.50050		"	0.50000		100	50-150			MRL-1
1,2,4-Trichlorobenzene	0.60850		"	0.50000		122	50-150			MRL-1
1,2,4-Trimethylbenzene	0.54680		"	0.50000		109	50-150			MRL-1
1,2-Dibromoethane (EDB)	0.48330		"	0.50000		96.7	50-150			MRL-1
1,2-Dichlorobenzene	0.51550		"	0.50000		103	50-150			MRL-1
1,2-Dichloroethane	0.49240		"	0.50000		98.5	50-150			MRL-1
1,2-Dichloropropane	0.49290		"	0.50000		98.6	50-150			MRL-1
1,3,5-Trimethylbenzene	0.53070		"	0.50000		106	50-150			MRL-1
1,3-Dichlorobenzene	0.54350		"	0.50000		109	50-150			MRL-1
1,3-Dichloropropane	0.49220		"	0.50000		98.4	50-150			MRL-1
1,4-Dichlorobenzene	0.54350		"	0.50000		109	50-150			MRL-1
2,2-Dichloropropane	0.46400		"	0.50000		92.8	50-150			MRL-1
Benzene	0.50320		"	0.50000		101	50-150			MRL-1
Bromobenzene	0.51560		"	0.50000		103	50-150			MRL-1
Bromochloromethane	0.49940		"	0.50000		99.9	50-150			MRL-1
Bromodichloromethane	0.47520		"	0.50000		95.0	50-150			MRL-1
Bromoform	1.0241		"	1.0000		102	50-150			MRL-1
Carbon Tetrachloride	0.47810		"	0.50000		95.6	50-150			MRL-1
Chlorobenzene	0.50690		"	0.50000		101	50-150			MRL-1
Chloroform	0.47900		"	0.50000		95.8	50-150			MRL-1
Chloromethane	0.45120		"	0.50000		90.2	50-150			MRL-1
cis-1,2-Dichloroethene	0.48070		"	0.50000		96.1	50-150			MRL-1
cis-1,3-Dichloropropene	0.49960		"	0.50000		99.9	50-150			MRL-1
Cyclohexane	0.48510		"	0.50000		97.0	50-150			MRL-1
Dibromochloromethane	0.47500		"	0.50000		95.0	50-150			MRL-1
Dibromomethane	0.50800		"	0.50000		102	50-150			MRL-1
Dichlorodifluoromethane (Freon 12)	0.46180		"	0.50000		92.4	50-150			MRL-1
Ethyl Benzene	0.51580		"	0.50000		103	50-150			MRL-1

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209073 - V 524.4 VOA Drinking Water										
MRL Verification (2209073-PS1)				Prepared: 09/22/22 Analyzed: 09/23/22						
Hexachlorobutadiene	0.58910		ug/L	0.50000		118	50-150			MRL-1
Isopropylbenzene	0.52150		"	0.50000		104	50-150			MRL-1
Methyl Acetate	1.0970		"	1.0000		110	50-150			MRL-1
Methyl Butyl Ketone	0.99070		"	1.0000		99.1	50-150			MRL-1
Methyl Isobutyl Ketone	1.1064		"	1.0000		111	50-150			MRL-1
Methyl T-Butyl Ether (MTBE)	0.47620		"	0.50000		95.2	50-150			MRL-1
Methylcyclohexane	0.49730		"	0.50000		99.5	50-150			MRL-1
Methylene Chloride	0.49310		"	0.50000		98.6	50-150			MRL-1
n-Butylbenzene	0.53910		"	0.50000		108	50-150			MRL-1
n-Propylbenzene	0.52910		"	0.50000		106	50-150			MRL-1
o-Chlorotoluene	0.52600		"	0.50000		105	50-150			MRL-1
o-Xylene	0.51780		"	0.50000		104	50-150			MRL-1
p-Chlorotoluene	0.52580		"	0.50000		105	50-150			MRL-1
p-Isopropyltoluene	0.54510		"	0.50000		109	50-150			MRL-1
sec-Butylbenzene	0.54030		"	0.50000		108	50-150			MRL-1
Styrene	0.52020		"	0.50000		104	50-150			MRL-1
tert-Butylbenzene	0.53220		"	0.50000		106	50-150			MRL-1
Tetrachloroethene (Tetrachloroethylene)	0.48830		"	0.50000		97.7	50-150			MRL-1
Toluene	0.52230		"	0.50000		104	50-150			MRL-1
trans-1,2-Dichloroethene	0.49510		"	0.50000		99.0	50-150			MRL-1
trans-1,3-Dichloropropene	0.51700		"	0.50000		103	50-150			MRL-1
Trichloroethene (Trichloroethylene)	0.50600		"	0.50000		101	50-150			MRL-1
Trichlorofluoromethane (Freon 11)	0.42240		"	0.50000		84.5	50-150			MRL-1
Vinyl chloride	0.43140		"	0.50000		86.3	50-150			MRL-1
MRL Verification (2209073-PS2)				Prepared: 09/22/22 Analyzed: 09/23/22						
EPA 524.4										
Acetone	3.7089		ug/L	4.0000		92.7	50-150			MRL-1
Bromomethane	1.8818		"	2.0000		94.1	50-150			MRL-1
Carbon disulfide	1.8719		"	2.0000		93.6	50-150			MRL-1
Chloroethane	1.6997		"	2.0000		85.0	50-150			MRL-1
Methyl Ethyl Ketone	4.1764		"	4.0000		104	50-150			MRL-1

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
Blank (2209077-BLK1)				Prepared & Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	U	1.0	ug/L							U
1,1,1,2-Tetrachloroethane	U	0.50	"							U
1,1,1-Trichloroethane	U	0.50	"							U
1,1,2,2-Tetrachloroethane	U	0.50	"							U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	U	0.50	"							U
1,1,2-Trichloroethane	U	0.50	"							U
1,1-Dichloroethane	U	0.50	"							U
1,1-Dichloroethene (1,1-Dichloroethylene)	U	0.50	"							U
1,1-Dichloropropene	U	0.50	"							U
1,2,3-Trichlorobenzene	U	0.50	"							U
1,2,3-Trichloropropane	U	0.50	"							U
1,2,4-Trichlorobenzene	U	0.50	"							U
1,2,4-Trimethylbenzene	U	0.50	"							U
1,2-Dibromoethane (EDB)	U	0.50	"							U
1,2-Dichlorobenzene	U	0.50	"							U
1,2-Dichloroethane	U	0.50	"							U
1,2-Dichloropropane	U	0.50	"							U
1,3,5-Trimethylbenzene	U	0.50	"							U
1,3-Dichlorobenzene	U	0.50	"							U
1,3-Dichloropropane	U	0.50	"							U
1,4-Dichlorobenzene	U	0.50	"							U
2,2-Dichloropropane	U	0.50	"							U
Acetone	U	4.0	"							U
Benzene	U	0.50	"							U
Bromobenzene	U	0.50	"							U
Bromochloromethane	U	0.50	"							U
Bromodichloromethane	U	0.50	"							U
Bromoform	U	1.0	"							U
Bromomethane	U	2.0	"							U
Carbon disulfide	U	2.0	"							U
Carbon Tetrachloride	U	0.50	"							U
Chlorobenzene	U	0.50	"							U
Chloroethane	U	2.0	"							U
Chloroform	U	0.50	"							U
Chloromethane	U	0.50	"							U
cis-1,2-Dichloroethene	U	0.50	"							U
cis-1,3-Dichloropropene	U	0.50	"							U
Cyclohexane	U	0.50	"							U

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
Blank (2209077-BLK1)				Prepared & Analyzed: 09/23/22						
Dibromochloromethane	U	0.50	ug/L							U
Dibromomethane	U	0.50	"							U
Dichlorodifluoromethane (Freon 12)	U	0.50	"							U
Ethyl Benzene	U	0.50	"							U
Hexachlorobutadiene	U	0.50	"							U
Isopropylbenzene	U	0.50	"							U
Methyl Acetate	U	1.0	"							U
Methyl Butyl Ketone	U	2.0	"							U
Methyl Ethyl Ketone	U	4.0	"							U
Methyl Isobutyl Ketone	U	1.0	"							U
Methyl T-Butyl Ether (MTBE)	U	0.50	"							U
Methylcyclohexane	U	0.50	"							U
Methylene Chloride	U	0.50	"							U
n-Butylbenzene	U	0.50	"							U
n-Propylbenzene	U	0.50	"							U
o-Chlorotoluene	U	0.50	"							U
o-Xylene	U	0.50	"							U
p-Chlorotoluene	U	0.50	"							U
p-Isopropyltoluene	U	0.50	"							U
sec-Butylbenzene	U	0.50	"							U
Styrene	U	0.50	"							U
tert-Butylbenzene	U	0.50	"							U
Tetrachloroethene (Tetrachloroethylene)	U	0.50	"							U
Toluene	U	0.50	"							U
trans-1,2-Dichloroethene	U	0.50	"							U
trans-1,3-Dichloropropene	U	0.50	"							U
Trichloroethene (Trichloroethylene)	U	0.50	"							U
Trichlorofluoromethane (Freon 11)	U	0.50	"							U
Vinyl chloride	U	0.50	"							U

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
LCS (2209077-BS1)				Prepared & Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	41.785		ug/L	40.000		104	70-130			
1,1,1,2-Tetrachloroethane	20.101		"	20.000		101	70-130			
1,1,1-Trichloroethane	20.478		"	20.000		102	70-130			
1,1,2,2-Tetrachloroethane	19.157		"	20.000		95.8	70-130			
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	20.614		"	20.000		103	70-130			
1,1,2-Trichloroethane	19.622		"	20.000		98.1	70-130			
1,1-Dichloroethane	20.057		"	20.000		100	70-130			
1,1-Dichloroethene (1,1-Dichloroethylene)	20.252		"	20.000		101	70-130			
1,1-Dichloropropene	20.550		"	20.000		103	70-130			
1,2,3-Trichlorobenzene	20.904		"	20.000		105	70-130			
1,2,3-Trichloropropane	19.451		"	20.000		97.3	70-130			
1,2,4-Trichlorobenzene	21.264		"	20.000		106	70-130			
1,2,4-Trimethylbenzene	21.285		"	20.000		106	70-130			
1,2-Dibromoethane (EDB)	20.724		"	20.000		104	70-130			
1,2-Dichlorobenzene	20.223		"	20.000		101	70-130			
1,2-Dichloroethane	20.886		"	20.000		104	70-130			
1,2-Dichloropropane	21.004		"	20.000		105	70-130			
1,3,5-Trimethylbenzene	21.741		"	20.000		109	70-130			
1,3-Dichlorobenzene	20.568		"	20.000		103	70-130			
1,3-Dichloropropane	20.067		"	20.000		100	70-130			
1,4-Dichlorobenzene	20.568		"	20.000		103	70-130			
2,2-Dichloropropane	20.779		"	20.000		104	70-130			
Acetone	38.752		"	40.000		96.9	70-130			
Benzene	20.602		"	20.000		103	70-130			
Bromobenzene	21.051		"	20.000		105	70-130			
Bromochloromethane	19.919		"	20.000		99.6	70-130			
Bromodichloromethane	23.432		"	20.000		117	70-130			
Bromoform	37.810		"	40.000		94.5	70-130			
Bromomethane	21.373		"	20.000		107	70-130			
Carbon disulfide	20.407		"	20.000		102	70-130			
Carbon Tetrachloride	20.590		"	20.000		103	70-130			
Chlorobenzene	20.434		"	20.000		102	70-130			
Chloroethane	20.886		"	20.000		104	70-130			
Chloroform	20.335		"	20.000		102	70-130			
Chloromethane	20.859		"	20.000		104	70-130			
cis-1,2-Dichloroethene	21.306		"	20.000		107	70-130			
cis-1,3-Dichloropropene	20.467		"	20.000		102	70-130			
Cyclohexane	19.368		"	20.000		96.8	70-130			

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
LCS (2209077-BS1)				Prepared & Analyzed: 09/23/22						
Dibromochloromethane	20.189		ug/L	20.000		101	70-130			
Dibromomethane	19.697		"	20.000		98.5	70-130			
Dichlorodifluoromethane (Freon 12)	20.110		"	20.000		101	70-130			
Ethyl Benzene	20.192		"	20.000		101	70-130			
Hexachlorobutadiene	21.703		"	20.000		109	70-130			
Isopropylbenzene	21.569		"	20.000		108	70-130			
Methyl Acetate	40.140		"	40.000		100	70-130			
Methyl Butyl Ketone	35.123		"	40.000		87.8	70-130			
Methyl Ethyl Ketone	39.914		"	40.000		99.8	70-130			
Methyl Isobutyl Ketone	36.396		"	40.000		91.0	70-130			
Methyl T-Butyl Ether (MTBE)	19.551		"	20.000		97.8	70-130			
Methylcyclohexane	20.497		"	20.000		102	70-130			
Methylene Chloride	20.225		"	20.000		101	70-130			
n-Butylbenzene	21.481		"	20.000		107	70-130			
n-Propylbenzene	21.549		"	20.000		108	70-130			
o-Chlorotoluene	21.031		"	20.000		105	70-130			
o-Xylene	21.224		"	20.000		106	70-130			
p-Chlorotoluene	20.508		"	20.000		103	70-130			
p-Isopropyltoluene	21.402		"	20.000		107	70-130			
sec-Butylbenzene	21.437		"	20.000		107	70-130			
Styrene	21.620		"	20.000		108	70-130			
tert-Butylbenzene	21.276		"	20.000		106	70-130			
Tetrachloroethene (Tetrachloroethylene)	20.968		"	20.000		105	70-130			
Toluene	20.491		"	20.000		102	70-130			
trans-1,2-Dichloroethene	20.960		"	20.000		105	70-130			
trans-1,3-Dichloropropene	20.487		"	20.000		102	70-130			
Trichloroethene (Trichloroethylene)	21.674		"	20.000		108	70-130			
Trichlorofluoromethane (Freon 11)	20.909		"	20.000		105	70-130			
Vinyl chloride	21.686		"	20.000		108	70-130			

Volatile Organics (VOA) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
LCS Dup (2209077-BSD1)				Prepared & Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	39.410		ug/L	40.000		98.5	70-130	5.85	30	
1,1,1,2-Tetrachloroethane	19.404		"	20.000		97.0	70-130	3.53	30	
1,1,1-Trichloroethane	19.114		"	20.000		95.6	70-130	6.89	30	
1,1,2,2-Tetrachloroethane	19.700		"	20.000		98.5	70-130	2.80	30	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	18.930		"	20.000		94.7	70-130	8.51	30	
1,1,2-Trichloroethane	19.342		"	20.000		96.7	70-130	1.44	30	
1,1-Dichloroethane	19.069		"	20.000		95.3	70-130	5.05	30	
1,1-Dichloroethene (1,1-Dichloroethylene)	18.953		"	20.000		94.8	70-130	6.62	30	
1,1-Dichloropropene	19.252		"	20.000		96.3	70-130	6.52	30	
1,2,3-Trichlorobenzene	21.448		"	20.000		107	70-130	2.57	30	
1,2,3-Trichloropropane	19.991		"	20.000		100	70-130	2.74	30	
1,2,4-Trichlorobenzene	21.478		"	20.000		107	70-130	1.00	30	
1,2,4-Trimethylbenzene	20.641		"	20.000		103	70-130	3.07	30	
1,2-Dibromoethane (EDB)	20.843		"	20.000		104	70-130	0.575	30	
1,2-Dichlorobenzene	19.914		"	20.000		99.6	70-130	1.54	30	
1,2-Dichloroethane	20.355		"	20.000		102	70-130	2.58	30	
1,2-Dichloropropane	19.877		"	20.000		99.4	70-130	5.51	30	
1,3,5-Trimethylbenzene	21.083		"	20.000		105	70-130	3.07	30	
1,3-Dichlorobenzene	20.143		"	20.000		101	70-130	2.09	30	
1,3-Dichloropropane	20.131		"	20.000		101	70-130	0.317	30	
1,4-Dichlorobenzene	20.143		"	20.000		101	70-130	2.09	30	
2,2-Dichloropropane	19.092		"	20.000		95.5	70-130	8.46	30	
Acetone	40.989		"	40.000		102	70-130	5.61	30	
Benzene	19.545		"	20.000		97.7	70-130	5.27	30	
Bromobenzene	20.698		"	20.000		103	70-130	1.69	30	
Bromochloromethane	19.233		"	20.000		96.2	70-130	3.50	30	
Bromodichloromethane	22.536		"	20.000		113	70-130	3.90	30	
Bromoform	38.518		"	40.000		96.3	70-130	1.85	30	
Bromomethane	19.518		"	20.000		97.6	70-130	9.07	30	
Carbon disulfide	18.986		"	20.000		94.9	70-130	7.21	30	
Carbon Tetrachloride	19.139		"	20.000		95.7	70-130	7.30	30	
Chlorobenzene	19.529		"	20.000		97.6	70-130	4.53	30	
Chloroethane	19.126		"	20.000		95.6	70-130	8.80	30	
Chloroform	19.308		"	20.000		96.5	70-130	5.18	30	
Chloromethane	19.556		"	20.000		97.8	70-130	6.45	30	
cis-1,2-Dichloroethene	20.127		"	20.000		101	70-130	5.69	30	
cis-1,3-Dichloropropene	19.810		"	20.000		99.1	70-130	3.26	30	
Cyclohexane	18.147		"	20.000		90.7	70-130	6.51	30	

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
LCS Dup (2209077-BSD1)				Prepared & Analyzed: 09/23/22						
Dibromochloromethane	20.014		ug/L	20.000		100	70-130	0.869	30	
Dibromomethane	19.615		"	20.000		98.1	70-130	0.415	30	
Dichlorodifluoromethane (Freon 12)	18.647		"	20.000		93.2	70-130	7.55	30	
Ethyl Benzene	19.190		"	20.000		96.0	70-130	5.09	30	
Hexachlorobutadiene	20.749		"	20.000		104	70-130	4.49	30	
Isopropylbenzene	20.777		"	20.000		104	70-130	3.74	30	
Methyl Acetate	40.218		"	40.000		101	70-130	0.194	30	
Methyl Butyl Ketone	41.129		"	40.000		103	70-130	15.8	30	
Methyl Ethyl Ketone	40.313		"	40.000		101	70-130	0.992	30	
Methyl Isobutyl Ketone	41.339		"	40.000		103	70-130	12.7	30	
Methyl T-Butyl Ether (MTBE)	19.692		"	20.000		98.5	70-130	0.722	30	
Methylcyclohexane	19.071		"	20.000		95.4	70-130	7.21	30	
Methylene Chloride	19.328		"	20.000		96.6	70-130	4.54	30	
n-Butylbenzene	20.663		"	20.000		103	70-130	3.88	30	
n-Propylbenzene	20.737		"	20.000		104	70-130	3.84	30	
o-Chlorotoluene	20.148		"	20.000		101	70-130	4.29	30	
o-Xylene	20.172		"	20.000		101	70-130	5.08	30	
p-Chlorotoluene	19.726		"	20.000		98.6	70-130	3.89	30	
p-Isopropyltoluene	20.578		"	20.000		103	70-130	3.93	30	
sec-Butylbenzene	20.505		"	20.000		103	70-130	4.44	30	
Styrene	20.700		"	20.000		103	70-130	4.35	30	
tert-Butylbenzene	20.101		"	20.000		101	70-130	5.68	30	
Tetrachloroethene (Tetrachloroethylene)	19.846		"	20.000		99.2	70-130	5.50	30	
Toluene	19.556		"	20.000		97.8	70-130	4.67	30	
trans-1,2-Dichloroethene	19.542		"	20.000		97.7	70-130	7.00	30	
trans-1,3-Dichloropropene	20.218		"	20.000		101	70-130	1.32	30	
Trichloroethene (Trichloroethylene)	20.528		"	20.000		103	70-130	5.43	30	
Trichlorofluoromethane (Freon 11)	19.410		"	20.000		97.0	70-130	7.44	30	
Vinyl chloride	20.215		"	20.000		101	70-130	7.02	30	

Volatile Organics (VOA) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
MRL Verification (2209077-PS1)				Prepared & Analyzed: 09/23/22						
EPA 524.4										
(m- and/or p-)Xylene	1.2155		ug/L	1.0000		122	50-150			MRL-1
1,1,1,2-Tetrachloroethane	0.59330		"	0.50000		119	50-150			MRL-1
1,1,1-Trichloroethane	0.57770		"	0.50000		116	50-150			MRL-1
1,1,2,2-Tetrachloroethane	0.59060		"	0.50000		118	50-150			MRL-1
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)	0.54900		"	0.50000		110	50-150			MRL-1
1,1,2-Trichloroethane	0.58060		"	0.50000		116	50-150			MRL-1
1,1-Dichloroethane	0.59230		"	0.50000		118	50-150			MRL-1
1,1-Dichloroethene (1,1-Dichloroethylene)	0.56860		"	0.50000		114	50-150			MRL-1
1,1-Dichloropropene	0.57090		"	0.50000		114	50-150			MRL-1
1,2,3-Trichlorobenzene	0.69330		"	0.50000		139	50-150			MRL-1
1,2,3-Trichloropropane	0.58810		"	0.50000		118	50-150			MRL-1
1,2,4-Trichlorobenzene	0.71050		"	0.50000		142	50-150			MRL-1
1,2,4-Trimethylbenzene	0.63430		"	0.50000		127	50-150			MRL-1
1,2-Dibromoethane (EDB)	0.62280		"	0.50000		125	50-150			MRL-1
1,2-Dichlorobenzene	0.62840		"	0.50000		126	50-150			MRL-1
1,2-Dichloroethane	0.60700		"	0.50000		121	50-150			MRL-1
1,2-Dichloropropane	0.59610		"	0.50000		119	50-150			MRL-1
1,3,5-Trimethylbenzene	0.63750		"	0.50000		128	50-150			MRL-1
1,3-Dichlorobenzene	0.61930		"	0.50000		124	50-150			MRL-1
1,3-Dichloropropane	0.60910		"	0.50000		122	50-150			MRL-1
1,4-Dichlorobenzene	0.61930		"	0.50000		124	50-150			MRL-1
2,2-Dichloropropane	0.59940		"	0.50000		120	50-150			MRL-1
Benzene	0.59000		"	0.50000		118	50-150			MRL-1
Bromobenzene	0.64660		"	0.50000		129	50-150			MRL-1
Bromochloromethane	0.61600		"	0.50000		123	50-150			MRL-1
Bromodichloromethane	0.71320		"	0.50000		143	50-150			MRL-1
Bromoform	1.1101		"	1.0000		111	50-150			MRL-1
Carbon Tetrachloride	0.60370		"	0.50000		121	50-150			MRL-1
Chlorobenzene	0.58700		"	0.50000		117	50-150			MRL-1
Chloroform	0.61270		"	0.50000		123	50-150			MRL-1
Chloromethane	0.61900		"	0.50000		124	50-150			MRL-1
cis-1,2-Dichloroethene	0.64570		"	0.50000		129	50-150			MRL-1
cis-1,3-Dichloropropene	0.63630		"	0.50000		127	50-150			MRL-1
Cyclohexane	0.55090		"	0.50000		110	50-150			MRL-1
Dibromochloromethane	0.58080		"	0.50000		116	50-150			MRL-1
Dibromomethane	0.60680		"	0.50000		121	50-150			MRL-1
Dichlorodifluoromethane (Freon 12)	0.58540		"	0.50000		117	50-150			MRL-1
Ethyl Benzene	0.58540		"	0.50000		117	50-150			MRL-1

Volatile Organics (VOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209077 - V 524.4 VOA Drinking Water										
MRL Verification (2209077-PS1)				Prepared & Analyzed: 09/23/22						
Hexachlorobutadiene	0.72460		ug/L	0.50000		145	50-150			MRL-1
Isopropylbenzene	0.61210		"	0.50000		122	50-150			MRL-1
Methyl Acetate	1.1977		"	1.0000		120	50-150			MRL-1
Methyl Butyl Ketone	1.1710		"	1.0000		117	50-150			MRL-1
Methyl Isobutyl Ketone	1.2575		"	1.0000		126	50-150			MRL-1
Methyl T-Butyl Ether (MTBE)	0.58760		"	0.50000		118	50-150			MRL-1
Methylcyclohexane	0.62640		"	0.50000		125	50-150			MRL-1
Methylene Chloride	0.60150		"	0.50000		120	50-150			MRL-1
n-Butylbenzene	0.64270		"	0.50000		129	50-150			MRL-1
n-Propylbenzene	0.64780		"	0.50000		130	50-150			MRL-1
o-Chlorotoluene	0.64520		"	0.50000		129	50-150			MRL-1
o-Xylene	0.58670		"	0.50000		117	50-150			MRL-1
p-Chlorotoluene	0.61940		"	0.50000		124	50-150			MRL-1
p-Isopropyltoluene	0.65880		"	0.50000		132	50-150			MRL-1
sec-Butylbenzene	0.64120		"	0.50000		128	50-150			MRL-1
Styrene	0.62040		"	0.50000		124	50-150			MRL-1
tert-Butylbenzene	0.62250		"	0.50000		124	50-150			MRL-1
Tetrachloroethene (Tetrachloroethylene)	0.62110		"	0.50000		124	50-150			MRL-1
Toluene	0.60610		"	0.50000		121	50-150			MRL-1
trans-1,2-Dichloroethene	0.61390		"	0.50000		123	50-150			MRL-1
trans-1,3-Dichloropropene	0.62970		"	0.50000		126	50-150			MRL-1
Trichloroethene (Trichloroethylene)	0.64800		"	0.50000		130	50-150			MRL-1
Trichlorofluoromethane (Freon 11)	0.58560		"	0.50000		117	50-150			MRL-1
Vinyl chloride	0.56650		"	0.50000		113	50-150			MRL-1

Semi Volatile Organics (SVOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209074 - E 525.2 SPE-SV Drinking Water										
Blank (2209074-BLK1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 525.2										
Alachlor	U	1.0	ug/L							U
Benzo(a)pyrene	U	0.20	"							U
Bis-(2-Ethylhexyl) Adipate	U	1.0	"							U
Bis(2-ethylhexyl) phthalate	U	6.0	"							U
Endrin	U	2.0	"							U
gamma-BHC (Lindane)	U	0.20	"							U
Heptachlor	U	0.40	"							U
Heptachlor epoxide	U	0.20	"							U
Hexachlorobenzene (HCB)	U	1.0	"							U
Hexachlorocyclopentadiene (HCCP)	U	1.0	"							U
Methoxychlor	U	10	"							U
Simazine	U	1.0	"							U
LCS (2209074-BS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 525.2										
Alachlor	11.614	1.0	ug/L	10.000		116	70-130			
Benzo(a)pyrene	11.987	0.20	"	10.000		120	70-130			
Bis-(2-Ethylhexyl) Adipate	12.386	1.0	"	10.000		124	70-130			
Bis(2-ethylhexyl) phthalate	11.085	6.0	"	10.000		111	70-130			
Endrin	12.602	2.0	"	10.000		126	70-130			
gamma-BHC (Lindane)	11.520	0.20	"	10.000		115	70-130			
Heptachlor	10.964	0.40	"	10.000		110	70-130			
Heptachlor epoxide	11.700	0.20	"	10.000		117	70-130			
Hexachlorobenzene (HCB)	10.577	1.0	"	10.000		106	70-130			
Hexachlorocyclopentadiene (HCCP)	8.5510	1.0	"	10.000		85.5	70-130			
Methoxychlor	11.452	10	"	10.000		115	70-130			
Simazine	12.543	1.0	"	10.000		125	70-130			
LCS Dup (2209074-BSD1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 525.2										
Alachlor	12.378	1.0	ug/L	10.000		124	70-130	6.37	30	
Benzo(a)pyrene	11.761	0.20	"	10.000		118	70-130	1.91	30	
Bis-(2-Ethylhexyl) Adipate	12.505	1.0	"	10.000		125	70-130	0.952	30	
Bis(2-ethylhexyl) phthalate	12.074	6.0	"	10.000		121	70-130	8.54	30	
Endrin	13.270	2.0	"	10.000		133	70-130	5.16	30	QL-2
gamma-BHC (Lindane)	11.839	0.20	"	10.000		118	70-130	2.73	30	
Heptachlor	11.043	0.40	"	10.000		110	70-130	0.718	30	
Heptachlor epoxide	11.983	0.20	"	10.000		120	70-130	2.39	30	

Semi Volatile Organics (SVOA) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209074 - E 525.2 SPE-SV Drinking Water										
LCS Dup (2209074-BSD1)				Prepared: 09/23/22 Analyzed: 09/24/22						
Hexachlorobenzene (HCB)	10.747	1.0	ug/L	10.000		107	70-130	1.60	30	
Hexachlorocyclopentadiene (HCCP)	8.6595	1.0	"	10.000		86.6	70-130	1.26	30	
Methoxychlor	11.760	10	"	10.000		118	70-130	2.65	30	
Simazine	13.052	1.0	"	10.000		131	70-130	3.98	30	QL-2
Duplicate (2209074-DUP1)		**Source: E223908-02**		Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 525.2										
Alachlor	U	1.0	ug/L		U				30	U
Benzo(a)pyrene	U	0.21	"		U				30	U
Bis-(2-Ethylhexyl) Adipate	U	1.0	"		U				30	U
Bis(2-ethylhexyl) phthalate	U	6.2	"		U				30	U
Endrin	U	2.1	"		U				30	U
gamma-BHC (Lindane)	U	0.21	"		U				30	U
Heptachlor	U	0.41	"		U				30	U
Heptachlor epoxide	U	0.21	"		U				30	U
Hexachlorobenzene (HCB)	U	1.0	"		U				30	U
Hexachlorocyclopentadiene (HCCP)	U	1.0	"		U				30	U
Methoxychlor	U	10	"		U				30	U
Simazine	U	1.0	"		U				30	U
MRL Verification (2209074-PS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 525.2										
Alachlor	1.1967	1.0	ug/L	1.0000		120	50-150			MRL-1
Benzo(a)pyrene	0.28001	0.20	"	0.20000		140	50-150			MRL-1
Bis-(2-Ethylhexyl) Adipate	1.3655	1.0	"	1.0000		137	50-150			MRL-1
Bis(2-ethylhexyl) phthalate	6.9925	6.0	"	6.0000		117	50-150			MRL-1
Endrin	2.0665	2.0	"	2.0000		103	50-150			MRL-1
gamma-BHC (Lindane)	0.17982	0.20	"	0.20000		89.9	50-150			MRL-1, J
Heptachlor	0.44676	0.40	"	0.40000		112	50-150			MRL-1
Heptachlor epoxide	0.21408	0.20	"	0.20000		107	50-150			MRL-1
Hexachlorobenzene (HCB)	0.90333	1.0	"	1.0000		90.3	50-150			MRL-1, J
Hexachlorocyclopentadiene (HCCP)	0.91853	1.0	"	1.0000		91.9	50-150			MRL-1, J
Methoxychlor	6.3792	10	"	5.0000		128	50-150			MRL-1, J
Simazine	1.0616	1.0	"	1.0000		106	50-150			MRL-1

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209075 - M 200.2 Metals Water										
Blank (2209075-BLK1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.7										
Aluminum	U	100	ug/L							U
Beryllium	U	3.0	"							U
Calcium	U	250	"							U
Chromium	U	5.0	"							U
Cobalt	U	5.0	"							U
Iron	U	100	"							U
Magnesium	U	250	"							U
Manganese	U	5.0	"							U
Molybdenum	U	10	"							U
Nickel	U	10	"							U
Potassium	U	1000	"							U
Silver	U	5.0	"							U
Sodium	U	1000	"							U
Strontium	U	5.0	"							U
Tin	U	15	"							U
Titanium	U	5.0	"							U
Vanadium	U	5.0	"							U
Yttrium	U	3.0	"							U
Zinc	U	10	"							U
LCS (2209075-BS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.7										
Aluminum	4857.2	100	ug/L	5000.0		97.1	85-115			
Beryllium	46.030	3.0	"	50.000		92.1	85-115			
Calcium	4833.0	250	"	5000.0		96.7	85-115			
Chromium	203.91	5.0	"	200.00		102	85-115			
Cobalt	97.324	5.0	"	100.00		97.3	85-115			
Iron	4902.9	100	"	5000.0		98.1	85-115			
Magnesium	4957.3	250	"	5000.0		99.1	85-115			
Manganese	465.93	5.0	"	500.00		93.2	85-115			
Molybdenum	99.187	10	"	100.00		99.2	85-115			
Nickel	199.20	10	"	200.00		99.6	85-115			
Potassium	10716	1000	"	10000		107	85-115			
Silver	98.880	5.0	"	100.00		98.9	85-115			
Sodium	10943	1000	"	10000		109	85-115			
Strontium	102.78	5.0	"	100.00		103	85-115			
Tin	93.645	15	"	100.00		93.6	85-115			
Titanium	103.47	5.0	"	100.00		103	85-115			
Vanadium	101.56	5.0	"	100.00		102	85-115			

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209075 - M 200.2 Metals Water										
LCS (2209075-BS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
Yttrium	100.76	3.0	ug/L	100.00		101	85-115			
Zinc	201.22	10	"	200.00		101	85-115			
Matrix Spike (2209075-MS1)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.7										
Aluminum	5058.1	100	ug/L	5000.0	U	101	70-130			
Beryllium	45.675	3.0	"	50.000	U	91.3	70-130			
Calcium	10371	250	"	5000.0	5928.5	88.9	70-130			
Chromium	199.81	5.0	"	200.00	U	99.9	70-130			
Cobalt	95.304	5.0	"	100.00	U	95.3	70-130			
Iron	4854.1	100	"	5000.0	U	97.1	70-130			
Magnesium	6061.5	250	"	5000.0	848.48	104	70-130			
Manganese	559.54	5.0	"	500.00	95.603	92.8	70-130			
Molybdenum	97.818	10	"	100.00	U	97.8	70-130			
Nickel	197.63	10	"	200.00	U	98.8	70-130			
Potassium	13985	1000	"	10000	2190.9	118	70-130			
Silver	97.208	5.0	"	100.00	U	97.2	70-130			
Sodium	13505	1000	"	10000	1749.6	118	70-130			
Strontium	127.56	5.0	"	100.00	23.302	104	70-130			
Tin	90.966	15	"	100.00	U	91.0	70-130			
Titanium	103.81	5.0	"	100.00	0.76414	103	70-130			
Vanadium	101.00	5.0	"	100.00	U	101	70-130			
Yttrium	99.463	3.0	"	100.00	U	99.5	70-130			
Zinc	202.34	10	"	200.00	5.7263	98.3	70-130			
Matrix Spike Dup (2209075-MSD1)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.7										
Aluminum	5112.0	100	ug/L	5000.0	U	102	70-130	1.06	20	
Beryllium	46.091	3.0	"	50.000	U	92.2	70-130	0.907	20	
Calcium	10560	250	"	5000.0	5928.5	92.6	70-130	1.81	20	
Chromium	200.79	5.0	"	200.00	U	100	70-130	0.491	20	
Cobalt	95.564	5.0	"	100.00	U	95.6	70-130	0.273	20	
Iron	4905.2	100	"	5000.0	U	98.1	70-130	1.05	20	
Magnesium	6075.8	250	"	5000.0	848.48	105	70-130	0.235	20	
Manganese	562.00	5.0	"	500.00	95.603	93.3	70-130	0.439	20	
Molybdenum	97.888	10	"	100.00	U	97.9	70-130	0.0722	20	
Nickel	197.51	10	"	200.00	U	98.8	70-130	0.0654	20	
Potassium	14129	1000	"	10000	2190.9	119	70-130	1.02	20	
Silver	98.099	5.0	"	100.00	U	98.1	70-130	0.912	20	

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209075 - M 200.2 Metals Water										
Matrix Spike Dup (2209075-MSD1)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
Sodium	13399	1000	ug/L	10000	1749.6	116	70-130	0.787	20	
Strontium	128.24	5.0	"	100.00	23.302	105	70-130	0.529	20	
Tin	91.756	15	"	100.00	U	91.8	70-130	0.865	20	
Titanium	104.32	5.0	"	100.00	0.76414	104	70-130	0.497	20	
Vanadium	101.76	5.0	"	100.00	U	102	70-130	0.746	20	
Yttrium	100.60	3.0	"	100.00	U	101	70-130	1.14	20	
Zinc	201.79	10	"	200.00	5.7263	98.0	70-130	0.273	20	
MRL Verification (2209075-PS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.7										
Aluminum	85.693	100	ug/L	100.00		85.7	70-130			MRL-1, U
Beryllium	2.6246	3.0	"	3.0000		87.5	70-130			MRL-1, U
Calcium	203.80	250	"	250.00		81.5	70-130			MRL-1, U
Chromium	4.0800	5.0	"	5.0000		81.6	70-130			MRL-1, U
Cobalt	4.3995	5.0	"	5.0000		88.0	70-130			MRL-1, U
Iron	57.831	100	"	100.00		57.8	70-130			MRL-1, QR-1, U
Magnesium	237.15	250	"	250.00		94.9	70-130			MRL-1, U
Manganese	1.5958	5.0	"	5.0000		31.9	70-130			MRL-1, QR-1, U
Molybdenum	9.2684	10	"	10.000		92.7	70-130			MRL-1, U
Nickel	9.4731	10	"	10.000		94.7	70-130			MRL-1, U
Potassium	1051.5	1000	"	1000.0		105	70-130			MRL-1
Silver	4.9747	5.0	"	5.0000		99.5	70-130			MRL-1, U
Sodium	1051.6	1000	"	1000.0		105	70-130			MRL-1
Strontium	4.7593	5.0	"	5.0000		95.2	70-130			MRL-1, U
Tin	12.387	15	"	15.000		82.6	70-130			MRL-1, U
Titanium	5.0554	5.0	"	5.0000		101	70-130			MRL-1
Vanadium	4.7828	5.0	"	5.0000		95.7	70-130			MRL-1, U
Yttrium	3.1257	3.0	"	3.0000		104	70-130			MRL-1
Zinc	9.2028	10	"	10.000		92.0	70-130			MRL-1, U

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209076 - M 200.2 Metals Water										
Blank (2209076-BLK1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	U	0.50	ug/L							U
Arsenic	U	0.50	"							U
Barium	U	0.50	"							U
Cadmium	U	0.25	"							U
Copper	U	0.50	"							U
Lead	U	0.50	"							U
Selenium	U	1.0	"							U
Thallium	U	0.50	"							U
LCS (2209076-BS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	100.50	0.50	ug/L	100.00		101	85-115			QC-4
Arsenic	184.83	0.50	"	200.00		92.4	85-115			QC-4
Barium	199.60	0.50	"	200.00		99.8	85-115			QC-4
Cadmium	48.692	0.25	"	50.000		97.4	85-115			
Copper	103.09	0.50	"	100.00		103	85-115			QC-4
Lead	196.29	0.50	"	200.00		98.1	85-115			QC-4
Selenium	195.37	1.0	"	200.00		97.7	85-115			
Thallium	97.448	0.50	"	100.00		97.4	85-115			QC-4
LCS (2209076-BS2)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	105.10	2.5	ug/L	100.00		105	85-115			
Arsenic	187.83	2.5	"	200.00		93.9	85-115			
Barium	203.80	2.5	"	200.00		102	85-115			
Cadmium	50.882	1.2	"	50.000		102	85-115			
Copper	106.48	2.5	"	100.00		106	85-115			
Lead	206.02	2.5	"	200.00		103	85-115			
Selenium	206.69	5.0	"	200.00		103	85-115			
Thallium	103.54	2.5	"	100.00		104	85-115			

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209076 - M 200.2 Metals Water										
Matrix Spike (2209076-MS1)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	100.80	0.50	ug/L	100.00	U	101	70-130			QC-4
Arsenic	183.27	0.50	"	200.00	0.82591	91.2	70-130			QC-4
Barium	218.43	0.50	"	200.00	18.679	99.9	70-130			QC-4
Cadmium	47.473	0.25	"	50.000	U	94.9	70-130			
Copper	102.51	0.50	"	100.00	0.70613	102	70-130			QC-4
Lead	200.77	0.50	"	200.00	U	100	70-130			QC-4
Selenium	195.81	1.0	"	200.00	U	97.9	70-130			
Thallium	96.971	0.50	"	100.00	U	97.0	70-130			QC-4
Matrix Spike (2209076-MS2)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	100.76	2.5	ug/L	100.00	U	101	70-130			
Arsenic	181.69	2.5	"	200.00	U	90.8	70-130			
Barium	212.09	2.5	"	200.00	18.679	96.7	70-130			
Cadmium	48.109	1.2	"	50.000	U	96.2	70-130			
Copper	101.35	2.5	"	100.00	U	101	70-130			
Lead	208.96	2.5	"	200.00	U	104	70-130			
Selenium	199.15	5.0	"	200.00	U	99.6	70-130			
Thallium	102.55	2.5	"	100.00	U	103	70-130			
Matrix Spike Dup (2209076-MSD1)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	100.18	0.50	ug/L	100.00	U	100	70-130	0.617	20	QC-4
Arsenic	184.42	0.50	"	200.00	0.82591	91.8	70-130	0.625	20	QC-4
Barium	222.75	0.50	"	200.00	18.679	102	70-130	1.96	20	QC-4
Cadmium	47.205	0.25	"	50.000	U	94.4	70-130	0.566	20	
Copper	102.67	0.50	"	100.00	0.70613	102	70-130	0.162	20	QC-4
Lead	200.60	0.50	"	200.00	U	100	70-130	0.0804	20	QC-4
Selenium	197.14	1.0	"	200.00	U	98.6	70-130	0.677	20	
Thallium	99.867	0.50	"	100.00	U	99.9	70-130	2.94	20	QC-4

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209076 - M 200.2 Metals Water										
Matrix Spike Dup (2209076-MSD2)	**Source: E223908-02**			Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	106.51	2.5	ug/L	100.00	U	107	70-130	5.55	20	
Arsenic	190.05	2.5	"	200.00	U	95.0	70-130	4.50	20	
Barium	224.36	2.5	"	200.00	18.679	103	70-130	5.62	20	
Cadmium	51.289	1.2	"	50.000	U	103	70-130	6.40	20	
Copper	106.80	2.5	"	100.00	U	107	70-130	5.23	20	
Lead	207.73	2.5	"	200.00	U	104	70-130	0.592	20	
Selenium	208.73	5.0	"	200.00	U	104	70-130	4.70	20	
Thallium	102.17	2.5	"	100.00	U	102	70-130	0.366	20	
MRL Verification (2209076-PS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 200.8										
Antimony	0.52748	0.50	ug/L	0.50000		105	65-135			MRL-1
Arsenic	0.99787	0.50	"	1.0000		99.8	65-135			MRL-1
Barium	1.0308	0.50	"	1.0000		103	65-135			MRL-1
Cadmium	0.53166	0.25	"	0.50000		106	65-135			MRL-1
Copper	1.0343	0.50	"	1.0000		103	65-135			MRL-1
Lead	1.0550	0.50	"	1.0000		106	65-135			MRL-1
Selenium	2.0981	1.0	"	2.0000		105	65-135			MRL-1
Thallium	0.51104	0.50	"	0.50000		102	65-135			MRL-1
Batch 2209081 - M 245.1 Hg Wtr										
Blank (2209081-BLK1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 245.1										
Mercury	U	0.10	ug/L							U
LCS (2209081-BS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 245.1										
Mercury	2.0160	0.10	ug/L	2.0000		101	95-105			

Total Metals (TMTL) - Quality Control

US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209081 - M 245.1 Hg Wtr										
Matrix Spike (2209081-MS1)		**Source: E223908-03**		Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 245.1										
Mercury	2.0220	0.10	ug/L	2.0000	U	101	70-130			
Matrix Spike Dup (2209081-MSD1)		**Source: E223908-03**		Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 245.1										
Mercury	1.9320	0.10	ug/L	2.0000	U	96.6	70-130	4.55	20	
MRL Verification (2209081-PS1)				Prepared: 09/23/22 Analyzed: 09/24/22						
EPA 245.1										
Mercury	0.11100		ug/L	0.10000		111	70-130			MRL-1

Classical/Nutrient Analyses (CNA) - Quality Control
US-EPA, Region 4, LSASD

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2209078 - C 300.0 Ion Chromat										
Blank (2209078-BLK1)				Prepared & Analyzed: 09/23/22						
EPA 300.0										
Fluoride	U	0.050	mg/L							U
LCS (2209078-BS1)				Prepared & Analyzed: 09/23/22						
EPA 300.0										
Fluoride	4.9640	0.050	mg/L	5.0030		99.2	90-110			
Matrix Spike (2209078-MS1)	**Source: E223908-03**			Prepared & Analyzed: 09/23/22						
EPA 300.0										
Fluoride	1.7920	0.050	mg/L	1.0000	0.81900	97.3	90-110			
Matrix Spike Dup (2209078-MSD1)	**Source: E223908-03**			Prepared & Analyzed: 09/23/22						
EPA 300.0										
Fluoride	1.7940	0.050	mg/L	1.0000	0.81900	97.5	90-110	0.112	10	
MRL Verification (2209078-PS1)				Prepared & Analyzed: 09/23/22						
EPA 300.0										
Fluoride	0.049000	0.050	mg/L	0.050100		97.8	70-130			MRL-1, U

Notes and Definitions for QC Samples

U	The analyte was not detected at or above the reporting limit.
J	The identification of the analyte is acceptable; the reported value is an estimate.
MRL-1	MRL verification for Potable Water matrix (Drinking Water)
QC-4	Result greater than the highest point on the calibration curve
QL-2	Laboratory Control Spike Recovery greater than method control limits
QR-1	MRL verification recovery less than lower control limits.