ATTACHMENT 2: DATA VALIDATION REPORTS

This attachment contains the data validation reports performed by an independent subcontractor, Laboratory Data Consultants, Inc. (LDC) of Carlsbad, California.

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Tidewater, Inc.
3761 Attucks Drive
Powell, OH 43065
ATTN: Mr. David Conner
David.Conner@tideh2o.net

August 8, 2022

SUBJECT: NASA JPL, 1Q2022 - Data Validation

Dear Mr. Conner,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on May 5, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #54230:

SDG #	Fraction
2202321 2202427 2202601 2203252	Volatiles, Chromium, Wet Chemistry, Hexavalent Chromium

The data validation was performed under Level III & IV guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017)
- USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017)

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

624 pages-ADV

Attachment 1

90/10 III/IV (client select) EDD

LDC# 54230 (Tidewater - Powell, OH / NASA JPL, 1Q2022)

LDC	SDG#	DATE REC'D	(3) DATE DUE	VOA (524.2)		Cr (200.8)		Cl,SO_4 NO_3-N (300.0)		NO_2-N (353.2)		O- PO_4-P (365.1)		Cr(VI) (218.6)																							
Matrix:	Water/Soil			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	2202321	05/05/22	05/26/22	8	0	8	0	1	0	1	0	1	0	8	0																				
A	2202321	05/05/22	05/26/22	1	0	1	0	0	0	0	0	0	0	1	0																				
B	2202427	05/05/22	05/26/22	9	0	7	0	-	-	-	-	-	-	7	0																				
B	2202427	05/05/22	05/26/22	1	0	1	0	-	-	-	-	-	-	1	0																				
C	2202601	05/05/22	05/26/22	8	0	6	0	1	0	1	0	1	0	6	0																				
C	2202601	05/05/22	05/26/22	2	0	2	0	0	0	0	0	0	0	2	0																				
D	2203252	05/05/22	05/26/22	1	0	0	0	-	-	-	-	-	-	0	0																				
D	2203252	05/05/22	05/26/22	0	0	1	0	-	-	-	-	-	-	1	0																				
Total	T/PG			30	0	26	0	2	0	2	0	2	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88

Shaded cells indicate Level IV validation (all other cells are Level III validation). These sample counts do not include MS/MSD, and DUPs

V:\LOGIN\Tidewater\NASA JPL\54230ST.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: June 23, 2022

Parameters: Volatiles

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202321

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-3-020222	2202321-01	Water	02/02/22
MW-22-3-020222**	2202321-02**	Water	02/02/22
MW-22-2-020222	2202321-03	Water	02/02/22
MW-22-1-020222	2202321-04	Water	02/02/22
MW-24-3-020222	2202321-06	Water	02/02/22
DUP-3-1Q22	2202321-07	Water	02/02/22
MW-24-2-020222	2202321-08	Water	02/02/22
MW-24-1-020222	2202321-09	Water	02/02/22
EB-3-020222	2202321-10	Water	02/02/22
MW-22-3-020222MS	2202321-02MS	Water	02/02/22
MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/04/22 (03FEB31)	Bromomethane	50.4	MW-22-3-020222** MW-22-2-020222 MW-22-1-020222 MW-24-3-020222	UJ (all non-detects)	P
02/04/22 (03FEB32)	Methyl iodide Pentachloroethane	44.8 91.8	MW-22-3-020222** MW-22-2-020222 MW-22-1-020222 MW-24-3-020222	UJ (all non-detects) UJ (all non-detects)	P

Date	Analyte	%D	Associated Samples	Flag	A or P
02/04/22 (04FEB03)	Methyl iodide	77.4	TB-3-020222 DUP-3-1Q22 MW-24-2-020222 MW-24-1-020222 EB-3-020222	UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-3-020222 was identified as a trip blank. No contaminants were found.

Sample EB-3-020222 was identified as an equipment blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-24-3-020222 and DUP-3-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-24-3-020222	DUP-3-1Q22	
1,1-Dichloroethane	0.19	0.15	24

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

All analyte quantitations met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in nine samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202321

Sample	Compound	Flag	A or P	Reason
MW-22-3-020222** MW-22-2-020222 MW-22-1-020222 MW-24-3-020222	Bromomethane Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)
TB-3-020222 DUP-3-1Q22 MW-24-2-020222 MW-24-1-020222 EB-3-020222	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202321

No Sample Data Qualified in this SDG

LDC #: 54230A1a

SDG #: 2202321

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III/IV

Date: 6/17/22

Page: 1 of 1

Reviewer: CV

2nd Reviewer: JVL

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A A	RSD ≤ 20% . r² ICV ≤ 30%
IV.	Continuing calibration	SW	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1 . EB=9
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	SW	D=5+6
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	Not reviewed for Level III validation
XIII.	Target analyte identification	A	Not reviewed for Level III validation
XIV.	System performance	A	Not reviewed for Level III validation
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1 2	TB-3-020222	2202321-01	Water	02/02/22
2 1	MW-22-3-020222**	2202321-02**	Water	02/02/22
3 1	MW-22-2-020222	2202321-03	Water	02/02/22
4 1	MW-22-1-020222	2202321-04	Water	02/02/22
5 1	MW-24-3-020222	2202321-06	Water	02/02/22
6 2	DUP-3-1Q22	2202321-07	Water	02/02/22
7 2	MW-24-2-020222	2202321-08	Water	02/02/22
8 2	MW-24-1-020222	2202321-09	Water	02/02/22
9 2	EB-3-020222	2202321-10	Water	02/02/22
10 1	MW-22-3-020222MS	2202321-02MS	Water	02/02/22
11 1	MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22
12				
13	B/308972			
14				

LDC #: 54230A1

VALIDATION FINDINGS CHECKLIST

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ ~~30%/15%~~ 20? ~~and relative response factors (RRF) ≥ 0.05?~~	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ ~~20%?~~ 30/0 ?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 30/0 ? ~~20% and relative response factors (RRF) ≥ 0.05~~?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target compounds detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	

Validation Area	Yes	No	NA	Findings/Comments
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target compounds detected in the field duplicates?	✓			
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within + 30 seconds of the associated calibration standard?	✓			
XII. Compound quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data	✓			
Overall assessment of data was found to be acceptable.				

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54330A1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

METHOD: GC/MS VOA (EPA Method 524.2)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y (N) N/A Were all percent differences (%D) ≤ 30% ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤30.0%)	Associated Samples	Qualifications
	2/4/22	03FEB31	B	50.4	2-5. 10-11. MB	J/UJ/P
	2/4/22	03FEB32	Methyl iodide	44.8	(ND)	↓
			ZZZZ	91.8		J/UJ/P
	2/4/22	04FEB03	Methyl iodide	77.4	1.6-9. MB (ND)	J/UJ/P

METHOD: GCMS VOA (EPA Method 8260B)

Compound	Concentration (ug/L)		RPD
	5	6	
I	0.19	0.15	24

LDC #: 54230A1

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: PG

METHOD: GC/MS VOA (EPA Method 524.2)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of compound,
C_x = Concentration of compound,
S = Standard deviation of the RRFs
X = Mean of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported RRF (10 std)	Recalculated RRF (10 std)	Reported Average RRF (initial)	Recalculated Average RRF (initial)	Reported %RSD	Recalculated %RSD
1	ICAL (MS-V5)	1/31/22	E (1st internal standard)	0.3697176	0.3697176	0.3898008	0.3898008	13.0788	13.079
			S (2nd internal standard)	0.3780761	0.3780761	0.3736573	0.3736573	3.828672	3.829
			EE (3rd internal standard)	1.855379	1.855379	1.799298	1.799298	3.333112	3.333
			(4th internal standard)						
2			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
3			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
4			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: ~~54230A19~~

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: Q

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B)~~ ~~524.2~~)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference internal Standard)	Average RRF (initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	03FEB31	2/4/22	E (1st internal standard)	0.3898008	0.3639554	0.3639553	6.6	6.6
			S (2nd internal standard)	0.3736573	0.3999444	0.3999443	7.0	7.0
			EE (3rd internal standard)	1.799298	1.739657	1.739657	3.3	3.3
			(4th internal standard)					
2			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: ~~54230A19~~

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: Q

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: 2

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	~~10.0~~	2			
1,2-Dichloroethane-d4	10.0	9.17	91.7	91.7	
Toluene-d8	↓	9.84	98.4	98.4	
Bromofluorobenzene	↓	9.46	94.6	94.6	

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

LDC #: ~~54230A9~~

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Page: 1 of 1
Reviewer: 9

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked sample concentration; SA = Spike added; SC = Sample concentration

RPD = I MSC - MSC I * 2/(MSC + MSDC) MSC = Matrix spike concentration MSDC = Matrix spike duplicate concentration

MS/MSD sample: 10/11

Compound	Spike Added (µg/L)		Sample Concentration (µg/L)	Spiked Sample Concentration (µg/L)		Matrix Spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD	------	MS	MSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
1,1-Dichloroethene	25.0	25.0	ND	25.720	24.550	103	103	98.2	98.2	4.65	4.65
Trichloroethene				24.020	22.890	96.1	96.1	91.6	91.6	4.82	4.82
Benzene				24.050	22.710	96.2	96.2	90.8	90.8	5.73	5.73
Toluene				24.130	22.560	96.5	96.5	90.2	90.2	6.73	6.73
Chlorobenzene				23.590	22.050	94.4	94.4	88.2	88.2	6.75	6.75

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54-32851 a

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA Where: SSC = Spiked sample concentration; SA = Spike added

RPD = I LCSC - LCSDC I * 2/(LCSC + LCSDC) LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: BI30892-BS1

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	25.0	NA	25.35	NA	101	101				
Trichloroethene			23.75		95.0	95.0				
Benzene			23.79		95.2	95.2				
Toluene			23.47		93.9	93.9				
Chlorobenzene	↓	↓	22.51	↓	90.0	90.0				

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54-32869

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: 9

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were all reported results recalculated and verified for all level IV samples?

Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. 2 , K :

Conc. = $\frac{(2546)(10.0)(1)}{(260342)(0.694400)(\quad)}$

= 0.14 MPL

#	Sample ID	Compound	Reported Concentration (MPL)	Calculated Concentration ( )	Qualification
	2	K	0.14		

LDC Report# 54230A4a

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 13, 2022

Parameters: Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202321

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-22-3-020222**	2202321-02**	Water	02/02/22
MW-22-2-020222	2202321-03	Water	02/02/22
MW-22-1-020222	2202321-04	Water	02/02/22
MW-24-4-020222	2202321-05	Water	02/02/22
MW-24-3-020222	2202321-06	Water	02/02/22
DUP-3-1Q22	2202321-07	Water	02/02/22
MW-24-2-020222	2202321-08	Water	02/02/22
MW-24-1-020222	2202321-09	Water	02/02/22
EB-3-020222	2202321-10	Water	02/02/22
MW-22-3-020222MS	2202321-02MS	Water	02/02/22
MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22
MW-22-3-020222DUP	2202321-02DUP	Water	02/02/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-3-020222 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples MW-24-3-020222 and DUP-3-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-24-3-020222	DUP-3-1Q22	
Chromium	0.94	1.30	32

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202321

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202321

No Sample Data Qualified in this SDG

LDC #: 54230A4a

SDG #: 2202321

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III/IV

Date: 7/9/22

Page: 1 of 1

Reviewer: AV

2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	not required
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	FB = 9
VII.	Matrix Spike/Matrix Spike Duplicates	A	(10, 11)
VIII.	Duplicate sample analysis	A	12
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(5, 6)
XII.	Internal Standard (ICP-MS)	A	reviewed for level IV only
XIII.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-22-3-020222**	2202321-02**	Water	02/02/22
2	MW-22-2-020222	2202321-03	Water	02/02/22
3	MW-22-1-020222	2202321-04	Water	02/02/22
4	MW-24-4-020222	2202321-05	Water	02/02/22
5	MW-24-3-020222	2202321-06	Water	02/02/22
6	DUP-3-1Q22	2202321-07	Water	02/02/22
7	MW-24-2-020222	2202321-08	Water	02/02/22
8	MW-24-1-020222	2202321-09	Water	02/02/22
9	EB-3-020222	2202321-10	Water	02/02/22
10	MW-22-3-020222MS	2202321-02MS	Water	02/02/22
11	MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22
12	MW-22-3-020222DUP	2202321-02DUP	Water	02/02/22
13				
14				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
Were all water samples preserved to a pH of <2.	✓			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	✓			
Were %RSDs of isoptoes in the tuning solution ≤5%?	✓			
III. Calibration				
Were all instruments calibrated daily?	✓			
Were the proper standards used?	✓			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	✓			
Were the low level standard checks within 70-130%?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?		✓		
V. Interference Check Sample				
Were the interference check samples performed daily?			✓	
Were the AB solution recoveries within 80-120%?			✓	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
VII. Laboratory Control Samples				
SDG?	✓			

Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	✓			
If the recoveries were outside the limits, was a reanalysis performed?			✓	
IX. Serial Dilution				
Were all percent differences <10%?	✓			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		✓		
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	✓			
Were target analytes detected in the field duplicates?	✓			
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		

LDC#: 54230A4a

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: Metals (EPA Method 6010/6020/7000/200.7/200.8)

Analyte	Concentration (ug/L)		RPD	
	5	6		
Chromium	0.94	1.30	32	

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LDC #: 54230A4a

VALIDATION FINDINGS WORKSHEET
Initial and Continuing Calibration Calculation Verification

Reviewer: ATV

METHOD: Trace metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
	ICP (Low Level calibration)						
CRL1	ICP/MS (Low Level calibration)	Cr	3.038	3.000	101	101	Y
	ICP (Initial calibration)						
ICV	ICP/MS (Initial calibration)	Cr	50.412	50.000	101	101	Y
	CVAA (Initial calibration)						
	ICP (Continuing calibration)						
CCV7	ICP/MS (Continuing calibration)	Cr	41.024	40.000	103	103	Y
	CVAA (Continuing calibration)						

ICP-MS TUNE	Calculation	Mass	Actual (Mean Counts / Axis)	Required (Counts / Axis)	Recalculated %RSD	Acceptable (Y/N)
	Mass Axis	207.977	208.028	± 0.1 AMU	NA	Y
	%RSD	114.9	117532.2	≤ 5% RSD	0.5	Y

Comments:

LDC #: 54230A4a

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$\%D = \frac{|I-SDR|}{I} \times 100$ Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	Found / S / I (ug/L) (units)	True / D / SDR (ug/L) (units)	Recalculated %R / RPD / %D	Reported %R / RPD / %D	Acceptable (Y/N)
	ICP interference check						
LCS	Laboratory control sample	Cr	43.288	40.000	108	108	Y
10	Matrix spike	Cr	(SSR-SR) 37.161	40.000	92.9	92.9	Y
10|11	Duplicate	Cr	41.416	39.542	4.63	4.63	Y
1	Post digestion spike	Cr	41.150	40.000	103	103	Y
1	ICP serial dilution	Cr	3.635	2.381	52.7	52.7	Y

Comments: _____

LDC #: 54230A4a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: ATV

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments and within the linear range of the ICP?
(Y) N N/A Are all detection limits below the CRDL?

Detected analyte results for Cr were recalculated and verified using the following equation:

Concentration = $\frac{(RD)(FV)(Dil)}{(In.\ Vol.)}$

Recalculation: #1

$Cr = 2.381 \approx 2.4$

RD = Raw data concentration
FV = Final volume (ml)
In. Vol. = Initial volume (ml) or weight (G)
Dil = Dilution factor

#	Sample ID	Analyte	Reported Concentration (ug/L)	Calculated Concentration (ug/L)	Acceptable (Y/N)
	1	Cr	2.4	2.381	Y

Note: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 12, 2022

Parameters: Wet Chemistry

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202321

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-22-3-020222**	2202321-02**	Water	02/02/22
MW-22-2-020222	2202321-03	Water	02/02/22
MW-22-1-020222	2202321-04	Water	02/02/22
MW-24-4-020222	2202321-05	Water	02/02/22
MW-24-3-020222	2202321-06	Water	02/02/22
DUP-3-1Q22	2202321-07	Water	02/02/22
MW-24-2-020222	2202321-08	Water	02/02/22
MW-24-1-020222	2202321-09	Water	02/02/22
EB-3-020222	2202321-10	Water	02/02/22
MW-22-3-020222MS	2202321-02MS	Water	02/02/22
MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22
MW-22-3-020222DUP	2202321-02DUP	Water	02/02/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Chloride, Nitrate as Nitrogen, and Sulfate by Environmental Protection Agency (EPA) Method 300.0
Hexavalent Chromium by EPA Method 218.6
Nitrite as Nitrogen by EPA Method 353.2
Orthophosphate as Phosphorus by EPA Method 365.1

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration of each method were met.

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met for each method when applicable.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.38 ug/L	MW-24-3-020222 DUP-3-1Q22 MW-24-2-020222 MW-24-1-020222 EB-3-020222
PB (prep blank)	Chloride Sulfate	0.206 mg/L 0.262 mg/L	MW-24-1-020222
ICB/CCB	Chloride Sulfate	0.245 ug/L 0.304 ug/L	MW-24-1-020222

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-24-3-020222	Hexavalent chromium	0.00010 mg/L	0.00010U mg/L
DUP-3-1Q22	Hexavalent chromium	0.00011 mg/L	0.00011U mg/L
EB-3-020222	Hexavalent chromium	0.000052 mg/L	0.000052U mg/L

V. Field Blanks

Sample EB-3-020222 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-3-020222	Hexavalent chromium	0.000052 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples MW-24-3-020222 and DUP-3-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-24-3-020222	DUP-3-1Q22	
Hexavalent chromium	0.00010	0.00011	10

X Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to laboratory blank contamination, data were qualified as not detected in three samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Wet Chemistry - Data Qualification Summary - SDG 2202321

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2202321

Sample	Analyte	Modified Final Concentration	A or P
MW-24-3-020222	Hexavalent chromium	0.00010U mg/L	A
DUP-3-1Q22	Hexavalent chromium	0.00011U mg/L	A
EB-3-020222	Hexavalent chromium	0.000052U mg/L	A

LDC #: 54230A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 7/11/22
SDG #: 2202321 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: AV
2nd Reviewer:

METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Hexavalent Chromium (EPA Method 218.6), Nitrite-N (EPA Method 353.2), ortho-Phosphate-P (EPA Method 365.1)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A, A	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB=9
VI.	Matrix Spike/Matrix Spike Duplicates	A	(10, 11)
VII.	Duplicate sample analysis	A	12
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(5,6)
X.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XI	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank
**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-22-3-020222**	2202321-02**	Water	02/02/22
2	MW-22-2-020222	2202321-03	Water	02/02/22
3	MW-22-1-020222	2202321-04	Water	02/02/22
4	MW-24-4-020222	2202321-05	Water	02/02/22
5	MW-24-3-020222	2202321-06	Water	02/02/22
6	DUP-3-1Q22	2202321-07	Water	02/02/22
7	MW-24-2-020222	2202321-08	Water	02/02/22
8	MW-24-1-020222	2202321-09	Water	02/02/22
9	EB-3-020222	2202321-10	Water	02/02/22
10	MW-22-3-020222MS	2202321-02MS	Water	02/02/22
11	MW-22-3-020222MSD	2202321-02MSD	Water	02/02/22
12	MW-22-3-020222DUP	2202321-02DUP	Water	02/02/22
13				
14				
15				

Notes:

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
II. Calibration				
Were all instruments calibrated at the required frequency?	✓			
Were the proper number of standards used?	✓			
Were all initial and continuing calibration verifications within the QC limits?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
Were balance checks performed as required?			✓	
III. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?	✓			
Was there contamination in the initial and continuing calibration blanks?	✓			
IV. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
V. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	✓			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	✓			
Were target analytes detected in the field duplicates?	✓			
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?	✓			

LDC #: 54230A6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: ATV

All circled methods are applicable to each sample.

Sample ID	Parameter
1-9	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC (Cr6+) ClO_4
8	pH TDS (Cl) F (N) (N) (SO) (O-PO_4) Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
QC	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
10,11,12	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC (Cr6+) ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4

Comments:

LDC #: 54230A6

VALIDATION FINDINGS WORKSHEET
Blanks

Reviewer: ATL

METHOD: Inorganics, Method See Cover

Conc. units: mg/L **Associated Samples:** 5 to 9

Analyte	Blank ID	Blank ID	Blank Action Limit										
	PB	ICB/CCB (ug/L)		5	6	9							
Cr6+		0.038	0.00019	0.00010	0.00011	0.000052							

Conc. units: mg/L **Associated Samples:** 8

Analyte	Blank ID	Blank ID	Blank Action Limit										
	PB	ICB/CCB (ug/L)											
Cl	0.206		1.03										
SO4	0.262		1.31										
Cl		0.245	1.225										
SO4		0.304	1.520										

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the method blank concentration were qualified as not detected, "U".

LDC #: 54230A6
SDG #: 2202321

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: ATL

METHOD: Inorganics

(Y) N N/A Were field blanks identified in this SDG?
(Y) N N/A Were target analytes detected in the field blanks?

Sample: 9 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Analyte	Concentration Units (mg/L)
Cr6+	0.000052

Sample: _____ Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Analyte	Concentration Units ( )

LDC# 54230A6

VALIDATION FINDINGS WORKSHEET

Field Duplicates

Reviewer: ATL

Inorganics: Method See Cover

Analyte	Concentration (mg/L)		RPD	
	5	6		
Hexavalent Chromium	0.00010	0.00011	10	

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LDC #: 54230AG

Validation Findings Worksheet
Initial and Continuing Calibration Calculation Verification

Method: Inorganics, Method See Cover

The correlation coefficient (r) for the calibration of Cr6+ was recalculated. Calibration date: 02/07/22

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found} \times 100}{\text{True}}$$

Where, Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	FOUND Standard	TRUE Conc. (ug/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial calibration	Cr6+	s1	0.020	0.003	*0.99987*	*0.99967*	Y
		s2	0.2	0.028			
		s3	2	0.254			
		s4	10	1.209			
		s5	25	3.203			
		s6	50	6.39			
ICV Calibration verification	Cr6+	24.131	25.000		96.5	96.5	Y
CCV_1 Calibration verification	Cr6+	24.509	25.000		98.0	98.0	Y
CCV_2 Calibration verification	Cr6+	24.036	25.000		96.1	96.1	Y

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230A6

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATV

METHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

%R = Found / True x 100 Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = |S-D| / (S+D)/2 x 100 Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	mg/L Found / S (units)	mg/L True / D (units)	Recalculated %R / RPD	Reported %R / RPD	Acceptable (Y/N)
LCS	Laboratory control sample	Cr6+	0.019996	0.0200	100	100	Y
10	Matrix spike sample	Cr6+	(SSR-SR) 0.019896	0.020202	98.5	98.5	Y
10|11	Duplicate sample	Cr6+	0.022036	0.022036	0	0.0138	Y

Comments: _____

LDC #: 54230A6

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: ATV

METHOD: Inorganics, Method See cover

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments?
(Y) N N/A Are all detection limits below the CRQL?

Compound (analyte) results for Grf reported with a positive detect were recalculated and verified using the following equation:

Concentration = Recalculation: #1

$$\frac{0.273 - 0.0014}{0.1270} \times \frac{1}{1000} = 0.00214$$

#	Sample ID	Analyte	Reported Concentration (mg/L)	Calculated Concentration (mg/L)	Acceptable (Y/N)
	1	Grf	0.0021	0.00214	Y

Note:

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: June 23, 2022

Parameters: Volatiles

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202427

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-4-020322	2202427-01	Water	02/03/22
MW-17-4-020322	2202427-02	Water	02/03/22
MW-17-3-020322	2202427-03	Water	02/03/22
MW-17-2-020322	2202427-04	Water	02/03/22
DUP-4-1Q22	2202427-05	Water	02/03/22
EB-4-020322	2202427-06	Water	02/03/22
MW-18-5-020322	2202427-07	Water	02/03/22
MW-18-4-020322	2202427-08	Water	02/03/22
MW-18-3-020322**	2202427-09**	Water	02/03/22
MW-18-2-020322	2202427-10	Water	02/03/22
MW-18-3-020322MS	2202427-09MS	Water	02/03/22
MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/04/22 (04FEB03)	Methyl iodide	77.4	All samples in SDG 2202427	UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-4-020322 was identified as a trip blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
TB-4-020322	Methylene chloride	0.89 ug/L

Sample EB-4-020322 was identified as an equipment blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-17-2-020322 and DUP-4-1Q22 were identified as field duplicates. No results were detected in any of the samples.

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

All analyte quantitations met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in ten samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202427

Sample	Compound	Flag	A or P	Reason
TB-4-020322 MW-17-4-020322 MW-17-3-020322 MW-17-2-020322 DUP-4-1Q22 EB-4-020322 MW-18-5-020322 MW-18-4-020322 MW-18-3-020322** MW-18-2-020322	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202427

No Sample Data Qualified in this SDG

LDC #: 54230B1a

SDG #: 2202427

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III/IV

Date: 6/17/22

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: DVG

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20% . r² ICV ≤ 30%
IV.	Continuing calibration	SW	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	SW	TB=1 . EB=6
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	ND	D=4+5
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	Not reviewed for Level III validation
XIII.	Target analyte identification	A	Not reviewed for Level III validation
XIV.	System performance	A	Not reviewed for Level III validation
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	TB-4-020322	2202427-01	Water	02/03/22
2	MW-17-4-020322	2202427-02	Water	02/03/22
3	MW-17-3-020322	2202427-03	Water	02/03/22
4	MW-17-2-020322	2202427-04	Water	02/03/22
5	DUP-4-1Q22	2202427-05	Water	02/03/22
6	EB-4-020322	2202427-06	Water	02/03/22
7	MW-18-5-020322	2202427-07	Water	02/03/22
8	MW-18-4-020322	2202427-08	Water	02/03/22
9	MW-18-3-020322**	2202427-09**	Water	02/03/22
10	MW-18-2-020322	2202427-10	Water	02/03/22
11	MW-18-3-020322MS	2202427-09MS	Water	02/03/22
12	MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22
13				
14	B131008			

LDC #: 34230B1a

VALIDATION FINDINGS CHECKLIST

Reviewer: Q

Method: Volatiles (EPA ~~SW-846~~ Method ~~8260B)~~ 524.2)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ ~~30%/15%~~ 20%? ~~and relative response factors (RRF) ≥ 0.05?~~	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ ~~20~~ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?			✓	
Were all percent differences (%D) ≤ ~~20%~~ 30%? ~~and relative response factors (RRF) ≥ 0.05?~~	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target compounds detected in the field blanks?	✓			
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	

Validation Area	Yes	No	NA	Findings/Comments
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target compounds detected in the field duplicates?		✓		
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Compound quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54330B9

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: A

METHOD: GC/MS VOA (EPA Method 524.2)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(6) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y (N) N/A Were all percent differences (%D) ≤ 30% ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤30.0%)	Associated Samples	Qualifications
	2/4/22	04FEB03	Methyl iodide	77.4	All (ND)	J (all ND)

CONCAL 1S5

LDC #: 54230B9

VALIDATION FINDINGS WORKSHEET
Field Blanks

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260C~~) ~~524.2~~)

(Y) N N/A Were field blanks identified in this SDG?
(Y) N N/A Were target compounds detected in the field blanks?

Blank units: ug/L **Associated sample units:** ug/L
Sampling date: 9/23/22
Field blank type: (circle one) Field Blank / Rinsate / (Trip Blank) / Other:_____ Associated Samples: 2-10. None

Compound	Blank ID	Sample Identification								
	1									
Methylene chloride	0.89									
Acetone										
Chloroform										

Blank units:_____ **Associated sample units:**_____
Sampling date:_____
Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other:_____ Associated Samples:_____

Compound	Blank ID	Sample Identification								
Methylene chloride										
Acetone										
Chloroform										

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
Common contaminants such as Methylene chloride, Acetone, 2-Butanone and Carbon disulfide that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 54230B1

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: PG

METHOD: GC/MS VOA (EPA Method 524.2)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of compound,
C_x = Concentration of compound,
S = Standard deviation of the RRFs
X = Mean of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported RRF (10 std)	Recalculated RRF (10 std)	Reported Average RRF (initial)	Recalculated Average RRF (initial)	Reported %RSD	Recalculated %RSD
1	ICAL	1/31/22	E (1st internal standard)	0.3697176	0.3697176	0.3898008	0.3898008	13.0788	13.079
	(MS-V5)		S (2nd internal standard)	0.3780761	0.3780761	0.3736573	0.3736573	3.828672	3.829
			EE (3rd internal standard)	1.855379	1.855379	1.799298	1.799298	3.333112	3.333
			(4th internal standard)						
2			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
3			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
4			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: ~~54308~~ 9

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: 9

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~54.2~~)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference internal Standard)	Average RRF (initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	04FEB02	2/4/22	6 (1st internal standard)	0.3898008	0.3699604	0.3699604	5.1	5.1
			5 (2nd internal standard)	0.3736573	0.3719874	0.3719874	0.4	0.4
			22 (3rd internal standard)	1.799298	1.806622	1.806622	0.4	0.4
			(4th internal standard)					
2			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54302B1a

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Page: 1 of 1
Reviewer: 9

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: 9

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.0	10.3T	104	104	
Toluene-d8	↓	9.88	98.8	98.8	
Bromofluorobenzene	↓	9.89	98.9	98.9	

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

LDC #: ~~54-30819~~

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Page: 1 of 1
Reviewer: 9

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked sample concentration; SA = Spike added; SC = Sample concentration

RPD = I MSC - MSC I * 2/(MSC + MSDC) MSC = Matrix spike concentration MSDC = Matrix spike duplicate concentration

MS/MSD sample: 11/12

Compound	Spike Added (µg/L)		Sample Concentration (µg/L)	Spiked Sample Concentration (µg/L)		Matrix Spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD	------	MS	MSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
1,1-Dichloroethene	25.0	25.0	ND	26.16	25.16	105	105	101	101	3.90	3.90
Trichloroethene				24.30	23.18	97.2	97.2	92.7	92.7	4.72	4.72
Benzene				24.45	23.719	97.8	97.8	94.8	94.8	3.07	3.07
Toluene				24.49	23.46	98.0	98.0	93.8	93.8	4.30	4.30
Chlorobenzene				22.89	22.68	91.6	91.6	90.7	90.7	0.922	0.922

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: ~~34230B~~ 9

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~CLP~~ (2)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA Where: SSC = Spiked sample concentration; SA = Spike added

RPD = I LCSC - LCSDC I * 2/(LCSC + LCSDC) LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: B131408-BS1

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	25.0	NA	26.36	NA	105	105				
Trichloroethene	↓	↓	25.06		100	100				
Benzene			24.79		99.2	99.2				
Toluene			24.58		98.3	98.3				
Chlorobenzene			23.57		94.3	94.3				

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230B19

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: a

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B)~~ 524.2)

Y N N/A Were all reported results recalculated and verified for all level IV samples?

Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. 9, 0:

Conc. = $\frac{(2789)(10.0)(1)}{(2716T4)(0.5398551)(\quad)}$

= 0.19 Mpc

#	Sample ID	Compound	Reported Concentration (Mpc)	Calculated Concentration ( )	Qualification
	9	0	0.19		

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 13, 2022

Parameters: Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202427

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-17-4-020322	2202427-02	Water	02/03/22
MW-17-3-020322	2202427-03	Water	02/03/22
MW-17-2-020322	2202427-04	Water	02/03/22
DUP-4-1Q22	2202427-05	Water	02/03/22
EB-4-020322	2202427-06	Water	02/03/22
MW-18-4-020322	2202427-08	Water	02/03/22
MW-18-3-020322**	2202427-09**	Water	02/03/22
MW-18-2-020322	2202427-10	Water	02/03/22
MW-18-3-020322MS	2202427-09MS	Water	02/03/22
MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22
MW-18-3-020322DUP	2202427-09DUP	Water	02/03/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-4-020322 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples MW-17-2-020322 and DUP-4-1Q22 were identified as field duplicates. No results were detected in any of the samples.

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202427

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202427

No Sample Data Qualified in this SDG

LDC #: 54230B4a
SDG #: 2202427
Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET
Level III/IV

Date: 7/9/22
Page: 1 of 1
Reviewer: AV
2nd Reviewer: [illegible]

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	not required
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB=5
VII.	Matrix Spike/Matrix Spike Duplicates	A	(9,10)
VIII.	Duplicate sample analysis	A	11
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	ND	(3,4)
XII.	Internal Standard (ICP-MS)	A	reviewed for level IV only
XIII.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-17-4-020322	2202427-02	Water	02/03/22
2	MW-17-3-020322	2202427-03	Water	02/03/22
3	MW-17-2-020322	2202427-04	Water	02/03/22
4	DUP-4-1Q22	2202427-05	Water	02/03/22
5	EB-4-020322	2202427-06	Water	02/03/22
6	MW-18-4-020322	2202427-08	Water	02/03/22
7	MW-18-3-020322**	2202427-09**	Water	02/03/22
8	MW-18-2-020322	2202427-10	Water	02/03/22
9	MW-18-3-020322MS	2202427-09MS	Water	02/03/22
10	MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22
11	MW-18-3-020322DUP	2202427-09DUP	Water	02/03/22
12				
13				
14				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
Were all water samples preserved to a pH of <2.	✓			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	✓			
Were %RSDs of isoptoes in the tuning solution ≤5%?	✓			
III. Calibration				
Were all instruments calibrated daily?	✓			
Were the proper standards used?	✓			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	✓			
Were the low level standard checks within 70-130%?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?		✓		
V. Interference Check Sample				
Were the interference check samples performed daily?			✓	
Were the AB solution recoveries within 80-120%?			✓	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
VII. Laboratory Control Samples				
SDG?	✓			

Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	✓			
If the recoveries were outside the limits, was a reanalysis performed?			✓	
IX. Serial Dilution				
Were all percent differences <10%?	✓			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		✓		
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		

LDC #: 54230B4a

VALIDATION FINDINGS WORKSHEET
Initial and Continuing Calibration Calculation Verification

Reviewer: ATV

METHOD: Trace metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = Found / True x 100 Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
	ICP (Low Level calibration)						
CRL1	ICP/MS (Low Level calibration)	Cr	2.834	3.000	94.5	94.5	Y
	ICP (Initial calibration)						
ICV	ICP/MS (Initial calibration)	Cr	50.171	50.000	100	100	Y
	CVAA (Initial calibration)						
	ICP (Continuing calibration)						
CCVG	ICP/MS (Continuing calibration)	Cr	40.877	40.000	102	102	Y
	CVAA (Continuing calibration)						

ICP-MS TUNE	Calculation	Mass	Actual (Mean Counts / Axis)	Required (Counts / Axis)	Recalculated %RSD	Acceptable (Y/N)
	Mass Axis	114.904	114.875	± 0.1 AMU	NA	Y
	%RSD	24.0	39833.6	≤ 5% RSD	1.0	Y

Comments:

LDC #: 54230B4a

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: AIL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$\%D = \frac{|I-SDR|}{I} \times 100$ Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	mg/L Found / S / I (units)	mg/L True / D / SDR (units)	Recalculated %R / RPD / %D	Reported %R / RPD / %D	Acceptable (Y/N)
	ICP interference check						
LCS	Laboratory control sample	Cr	40.222	40.000	101	101	Y
9	Matrix spike	Cr	(SSR-SR) 40.438	40.000	101	101	Y
9|10	Duplicate	Cr	40.896	42.400	3.61	3.61	Y
7	Post digestion spike	Cr	44.956	40.000	112	112	Y
7	ICP serial dilution	Cr	1.305	1.962	N.C	N.C	Y

Comments: _____

LDC #: 54230B4a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: ATL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments and within the linear range of the ICP?
(Y) N N/A Are all detection limits below the CRDL?

Detected analyte results for Cr were recalculated and verified using the following equation:

Concentration = $\frac{(RD)(FV)(Dil)}{(In.\ Vol.)}$

Recalculation:

1.962 ≈ 2.0

RD = Raw data concentration
FV = Final volume (ml)
In. Vol. = Initial volume (ml) or weight (G)
Dil = Dilution factor

#	Sample ID	Analyte	Reported Concentration (µg/L)	Calculated Concentration (µg/L)	Acceptable (Y/N)
	7	Cr	2.0	1.962	Y

Note: _____

LDC Report# 54230B6

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 12, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202427

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-17-4-020322	2202427-02	Water	02/03/22
MW-17-3-020322	2202427-03	Water	02/03/22
MW-17-2-020322	2202427-04	Water	02/03/22
DUP-4-1Q22	2202427-05	Water	02/03/22
EB-4-020322	2202427-06	Water	02/03/22
MW-18-4-020322	2202427-08	Water	02/03/22
MW-18-3-020322**	2202427-09**	Water	02/03/22
MW-18-2-020322	2202427-10	Water	02/03/22
MW-18-3-020322MS	2202427-09MS	Water	02/03/22
MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22
MW-18-3-020322DUP	2202427-09DUP	Water	02/03/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by EPA Method 218.6

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Flag	A or P
DUP-4-1Q22	Hexavalent chromium	4.952 days	1 day	J (all detects)	P

II. Initial Calibration

All criteria for the initial calibration were met.

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.024 ug/L	All samples in SDG 2202427

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-17-3-020322	Hexavalent chromium	0.000049 mg/L	0.000049U mg/L
MW-17-2-020322	Hexavalent chromium	0.000065 mg/L	0.000065U mg/L
DUP-4-1Q22	Hexavalent chromium	0.000089 mg/L	0.000089U mg/L
EB-4-020322	Hexavalent chromium	0.000065 mg/L	0.000065U mg/L

V. Field Blanks

Sample EB-3-020222 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-4-020322	Hexavalent chromium	0.000065 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples MW-17-2-020322 and DUP-4-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-17-2-020322	DUP-4-1Q22	
Hexavalent chromium	0.000065	0.000086	31

X Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to technical holding times, data were qualified as estimated in one sample.

Due to laboratory blank contamination, data were qualified as not detected in four samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2202427

Sample	Analyte	Flag	A or P	Reason
DUP-4-1Q22	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2202427

Sample	Analyte	Modified Final Concentration	A or P
MW-17-3-020322	Hexavalent chromium	0.000049U mg/L	A
MW-17-2-020322	Hexavalent chromium	0.000065U mg/L	A
DUP-4-1Q22	Hexavalent chromium	0.000089U mg/L	A
EB-4-020322	Hexavalent chromium	0.000065U mg/L	A

LDC #: 54230B6 **VALIDATION COMPLETENESS WORKSHEET** Date: 7/11/22
SDG #: 2202427 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: AV
2nd Reviewer: CF

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/SW	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB = 5
VI.	Matrix Spike/Matrix Spike Duplicates	A	(9,10)
VII.	Duplicate sample analysis	A	11
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(3,4)
X.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XI	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank
**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-17-4-020322	2202427-02	Water	02/03/22
2	MW-17-3-020322	2202427-03	Water	02/03/22
3	MW-17-2-020322	2202427-04	Water	02/03/22
4	DUP-4-1Q22	2202427-05	Water	02/03/22
5	EB-4-020322	2202427-06	Water	02/03/22
6	MW-18-4-020322	2202427-08	Water	02/03/22
7	MW-18-3-020322**	2202427-09**	Water	02/03/22
8	MW-18-2-020322	2202427-10	Water	02/03/22
9	MW-18-3-020322MS	2202427-09MS	Water	02/03/22
10	MW-18-3-020322MSD	2202427-09MSD	Water	02/03/22
11	MW-18-3-020322DUP	2202427-09DUP	Water	02/03/22
12				
13				
14				
15				

Notes:

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?		✓		
II. Calibration				
Were all instruments calibrated at the required frequency?	✓			
Were the proper number of standards used?	✓			
Were all initial and continuing calibration verifications within the QC limits?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
Were balance checks performed as required?			✓	
III. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?	✓			
IV. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
V. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	✓			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	✓			
Were target analytes detected in the field duplicates?	✓			
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?	✓			

LDC #: 54230B6

VALIDATION FINDINGS WORKSHEET
Technical Holding Times

Reviewer: ATV

All circled dates have exceeded the technical holding time.
(Y) N N/A Were all samples preserved as applicable to each method ?
(Y) N N/A Were all cooler temperatures within validation criteria?

Method:	Cr6+ (EPA 218.6)		
Parameters:	water		
Technical holding time:	24hrs. (1days)		

Sample ID	Sampling date	Analysis date	Total Time	Qualifier	Analysis date	Total Time	Qualifier
4	10:40 2/3/22	09:31 2/8/22	4.952days	J|R|P(detect)			

LDC #: 54230B6

VALIDATION FINDINGS WORKSHEET
Blanks

Reviewer: ATL

METHOD: Inorganics, Method See Cover

Conc. units: mg/L **Associated Samples:** All

Analyte	Blank ID	Blank ID	Blank Action Limit										
	PB	ICB/CCB (ug/L)		2	3	4	5						
Cr6+		0.024	0.000120	0.000049	0.000065	0.000089	0.000065						

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the method blank concentration were qualified as not detected, "U".

LDC #: 54230B6
SDG #: 2202427

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: ATL

METHOD: Inorganics

(Y) N N/A Were field blanks identified in this SDG?
(Y) N N/A Were target analytes detected in the field blanks?

Sample: 5 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Analyte	Concentration Units (mg/L)
Cr6+	0.000065

Sample: _____ Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Analyte	Concentration Units ( )

LDC# 54230B6

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Inorganics: Method See Cover

Analyte	Concentration (mg/L)		RPD	
	3	4		
Hexavalent Chromium	0.000065	0.000089	31	

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LDC #: 54230BG

Validation Findings Worksheet
Initial and Continuing Calibration Calculation Verification

Method: Inorganics, Method See Cover

The correlation coefficient (r) for the calibration of Cr6+ was recalculated. Calibration date: 2/7/22

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = Found X 100 / True

Where, Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	FOUND Standard	TRUE Conc. (ug/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial calibration	Cr6+	s1	0.020	0.003	*0.99987*	*0.99967*	Y
		s2	0.2	0.028			
		s3	2	0.254			
		s4	10	1.209			
		s5	25	3.203			
		s6	50	6.39			
ICV Calibration verification	Cr6+	25.831	25.000		103	103	Y
CCV8 Calibration verification	Cr6+	25.391	25.000		102	102	Y
CCV9 Calibration verification	Cr6+	25.351	25.000		101	101	Y

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230B6

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATL

METHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	mg/L Found / S (units)	mg/L True / D (units)	Recalculated %R / RPD	Reported %R / RPD	Acceptable (Y/N)
LCS	Laboratory control sample	Cr6+	0.01994	0.0200	99.7	99.7	Y
9	Matrix spike sample	Cr6+	(SSR-SR) 0.020013	0.020202	99	99	Y
9|10	Duplicate sample	Cr6+	0.021837	0.021829	0.0366	0.0509	Y

Comments: _____

LDC #: 54230B6

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: ATV

METHOD: Inorganics, Method See cover

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments?
(Y) N N/A Are all detection limits below the CRQL?

Compound (analyte) results for Cr6+ reported with a positive detect were recalculated and verified using the following equation:

Concentration = Recalculation: #7

$$\frac{0.232 - 0.0014}{0.127} \times \frac{1}{1000} = 0.001816$$

#	Sample ID	Analyte	Reported Concentration (mg/L)	Calculated Concentration (mg/L)	Acceptable (Y/N)
	7	Cr6+	0.0018	0.001816	Y

Note:

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: June 23, 2022

Parameters: Volatiles

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202601

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-06-020722	2202601-01	Water	02/07/22
MW-4-3**	2202601-02**	Water	02/07/22
MW-4-2	2202601-03	Water	02/07/22
MW-4-1	2202601-04	Water	02/07/22
MW-11-4	2202601-05	Water	02/07/22
MW-11-3	2202601-06	Water	02/07/22
MW-11-2**	2202601-07**	Water	02/07/22
SB-2-020722	2202601-08	Water	02/07/22
EB-6-020722	2202601-09	Water	02/07/22
MW-11-1	2202601-10	Water	02/07/22
MW-4-3MS	2202601-02MS	Water	02/07/22
MW-4-3MSD	2202601-02MSD	Water	02/07/22
MW-11-2MS	2202601-07MS	Water	02/07/22
MW-11-2MSD	2202601-07MSD	Water	02/07/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/10/22 (10FEB02)	Bromomethane Chloromethane	62.3 33.3	TB-06-020722 MW-4-3** MW-4-2 MW-4-1 MW-11-4 MW-11-3 SB-2-020722 EB-6-020722 MW-11-1	UJ (all non-detects) UJ (all non-detects)	P

Date	Analyte	%D	Associated Samples	Flag	A or P
02/10/22 (04FEB03)	Methyl iodide	66.7	TB-06-020722 MW-4-3** MW-4-2 MW-4-1 MW-11-4 MW-11-3 SB-2-020722 EB-6-020722 MW-11-1	UJ (all non-detects)	P
02/10/22 (04FEB31)	Bromomethane	45.5	MW-11-2**	UJ (all non-detects)	P
02/10/22 (04FEB32)	Methyl iodide Pentachloroethane	47.9 93.3	MW-11-2**	UJ (all non-detects) UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-06-020722 was identified as a trip blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
TB-06-020722	Methylene chloride	0.46 ug/L

Sample SB-2-020722 was identified as a source blank. No contaminants were found.

Sample EB-6-020722 was identified as an equipment blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

No field duplicates were identified in this SDG.

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

All analyte quantitations met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in ten samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202601

Sample	Compound	Flag	A or P	Reason
TB-06-020722 MW-4-3** MW-4-2 MW-4-1 MW-11-4 MW-11-3 SB-2-020722 EB-6-020722 MW-11-1	Bromomethane Chloromethane Methyl iodide	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)
MW-11-2**	Methyl iodide Pentachloroethane Bromomethane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202601

No Sample Data Qualified in this SDG

LDC #: 54230C1a

SDG #: 2202601

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III/IV

Date: 6/17/22

Page: 1 of 1

Reviewer:

2nd Reviewer: JVB

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20%. r² ICV ≤ 30%
IV.	Continuing calibration	A/W	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	A/W	TB=1. EB=8. SB=9
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	Not reviewed for Level III validation
XIII.	Target analyte identification	A	Not reviewed for Level III validation
XIV.	System performance	A	Not reviewed for Level III validation
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1 1	TB-06-020722	2202601-01	Water	02/07/22
2	MW-4-3**	2202601-02**	Water	02/07/22
3	MW-4-2	2202601-03	Water	02/07/22
4	MW-4-1	2202601-04	Water	02/07/22
5	MW-11-4	2202601-05	Water	02/07/22
6	MW-11-3	2202601-06	Water	02/07/22
7 2	MW-11-2**	2202601-07**	Water	02/07/22
8	SB-2-020722	2202601-08	Water	02/07/22
9	EB-6-020722	2202601-09	Water	02/07/22
10 1	MW-11-1	2202601-10	Water	02/07/22
11	MW-4-3MS	2202601-02MS	Water	02/07/22
12	MW-4-3MSD	2202601-02MSD	Water	02/07/22
13	MW-11-2MS	2202601-07MS	Water	02/07/22
14	MW-11-2MSD	2202601-07MSD	Water	02/07/22

B13/502 / B13/503

LDC #: 54230<1a

VALIDATION FINDINGS CHECKLIST

Page: 1 of 2
Reviewer: CL

Method: Volatiles (EPA ~~SW-846~~ Method ~~8260B~~) 524.2)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?			✓	
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ ~~30%/15%~~ 20? ~~and relative response factors (RRF) ≥ 0.05?~~	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) < ~~20~~ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?			✓	
Were all percent differences (%D) < ~~20~~ 30? ~~and relative response factors (RRF) ≥ 0.05?~~	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target compounds detected in the field blanks?	✓			
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	

Validation Area	Yes	No	NA	Findings/Comments
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target compounds detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Compound quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data	✓			
Overall assessment of data was found to be acceptable.				

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. Methyl iodide

LDC #: 54330C1a1

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: 9

METHOD: GC/MS VOA (EPA Method 524.2)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y (N) N/A Were all percent differences (%D) ≤ 30% ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤30.0%)	Associated Samples	Qualifications
	2/10/22	10FEB02	B	62.3	1-6, 8-12, MB	J/UJ/A
	"	~~10FEB03~~	A	33.3	(ND)	↓
	2/10/22	10FEB03	~~2223~~ 21	66.7		↓
	2/10/22	10FEB31	B	45.5	7, 13-14, MB (ND)	J/UJ/A
	2/10/22	10FEB32	21	47.9		↓
			2222	93.3		↓

LDC #: 54230Z/a

VALIDATION FINDINGS WORKSHEET
Field Blanks

Page: 1 of 1
Reviewer: 8

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260C~~) 524.2)

Y N N/A Were field blanks identified in this SDG?

Y N N/A Were target compounds detected in the field blanks?

Blank units: µg/L **Associated sample units:** µg/L

Sampling date: 2/7/22

Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other:_____ Associated Samples: ~~2-10~~ None

Compound	Blank ID	Sample Identification								
	1	~~2~~								
Methylene chloride	0.46	~~0.47 U~~								
Acetone										
Chloroform										

Blank units:_____ **Associated sample units:**_____

Sampling date:_____

Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other:_____ Associated Samples:_____

Compound	Blank ID	Sample Identification								
Methylene chloride										
Acetone										
Chloroform										

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
Common contaminants such as Methylene chloride, Acetone, 2-Butanone and Carbon disulfide that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 54230C1

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS VOA (EPA Method 524.2)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of compound,
C_x = Concentration of compound,
S = Standard deviation of the RRFs
X = Mean of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported RRF (10 std)	Recalculated RRF (10 std)	Reported Average RRF (initial)	Recalculated Average RRF (initial)	Reported %RSD	Recalculated %RSD
1	ICAL (MS-V5)	1/31/22	E (1st internal standard)	0.3697176	0.3697176	0.3898008	0.3898008	13.0788	13.079
			S (2nd internal standard)	0.3780761	0.3780761	0.3736573	0.3736573	3.828672	3.829
			EE (3rd internal standard)	1.855379	1.855379	1.799298	1.799298	3.333112	3.333
			(4th internal standard)						
2			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
3			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						
4			(1st internal standard)						
			(2nd internal standard)						
			(3rd internal standard)						
			(4th internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230219

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: [illegible]

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B)~~ ~~524.~~ 2)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = $(A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference internal Standard)	Average RRF (initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	10FEB02	2/10/22	E (1st internal standard)	0.3898008	0.3650259	0.3650259	6.4	6.4
			S (2nd internal standard)	0.3736573	0.3826769	0.3826768	2.4	2.4
			EE (3rd internal standard)	1.799298	1.801223	1.801223	0.1	0.1
			(4th internal standard)					
2	10FEB31	2/10/22	E (1st internal standard)	0.3898008	0.3650794	0.3650793	6.3	6.3
			S (2nd internal standard)	0.3736573	0.3993484	0.3993484	6.9	6.9
			EE (3rd internal standard)	1.799298	1.835196	1.835196	2.0	2.0
			(4th internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: ~~54330d9~~

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Page: 1 of 1
Reviewer: A

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) 524.2)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: 2

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.0	11.50	115	115	
Toluene-d8	↓	9.96	99.6	99.6	
Bromofluorobenzene	↓	10.06	101	101	

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID: _____

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

LDC #: ~~54230C~~ 19

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked sample concentration; SA = Spike added; SC = Sample concentration

RPD = I MSC - MSC I * 2/(MSC + MSDC) MSC = Matrix spike concentration MSDC = Matrix spike duplicate concentration

MS/MSD sample: 13T4

Compound	Spike Added (µg/L)		Sample Concentration (µg/L)	Spiked Sample Concentration (µg/L)		Matrix Spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD	------	MS	MSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
1,1-Dichloroethene	25.0	25.0	ND	27.150	26.760	109	109	107	107	1.45	1.45
Trichloroethene				24.670	24.440	98.7	98.7	97.8	97.8	0.93	0.93
Benzene				24.390	24.450	97.6	97.6	97.8	97.8	0.246	0.246
Toluene				24.120	23.910	96.5	96.5	95.6	95.6	0.874	0.874
Chlorobenzene				23.290	23.050	93.2	93.2	92.2	92.2	1.04	1.04

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54330c1a

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Reviewer: 9

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) 524.2

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA Where: SSC = Spiked sample concentration; SA = Spike added

RPD = I LCSC - LCSDC I * 2/(LCSC + LCSDC) LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: B131502-BS1

Compound	Spike Added (µg/L)		Spiked Sample Concentration (µg/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	25.0	NA	25.280	NA	101	101				
Trichloroethene	↓	↓	23.650	↓	94.6	94.6				
Benzene			22.970		91.9	91.9				
Toluene			22.890		91.6	91.6				
Chlorobenzene			22.870		91.5	91.5				

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230c1a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

METHOD: GC/MS VOA (EPA ~~SW 846~~ Method ~~8260B~~) ~~524.2~~)

Y N N/A Were all reported results recalculated and verified for all level IV samples?

Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. D , S :

Conc. = (2656)(10.0)(1) / (377199)(0.373654)( ) = 0.19 µg/L

#	Sample ID	Compound	Reported Concentration (µg/L)	Calculated Concentration ( )	Qualification
	D	S	0.19		

LDC Report# 54230C4a

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 13, 2022

Parameters: Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202601

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-4-3**	2202601-02**	Water	02/07/22
MW-4-2	2202601-03	Water	02/07/22
MW-4-1	2202601-04	Water	02/07/22
MW-11-3	2202601-06	Water	02/07/22
MW-11-2**	2202601-07**	Water	02/07/22
SB-2-020722	2202601-08	Water	02/07/22
EB-6-020722	2202601-09	Water	02/07/22
MW-11-1	2202601-10	Water	02/07/22
MW-4-3MS	2202601-02MS	Water	02/07/22
MW-4-3MSD	2202601-02MSD	Water	02/07/22
MW-4-3DUP	2202601-02DUP	Water	02/07/22
MW-11-2MS	2202601-07MS	Water	02/07/22
MW-11-2MSD	2202601-07MSD	Water	02/07/22
MW-11-2DUP	2202601-07DUP	Water	02/07/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Chromium	0.523 ug/L	MW-11-2**

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks.

VI. Field Blanks

Sample EB-6-020722 was identified as an equipment blank. No contaminants were found.

Sample SB-2-020722 was identified as a source blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

No field duplicates were identified in this SDG.

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202601

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202601

No Sample Data Qualified in this SDG

LDC #: 54230C4a **VALIDATION COMPLETENESS WORKSHEET** Date: 7/10/22
SDG #: 2202601 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: AR
2nd Reviewer: 1

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	not required
V.	Laboratory Blanks	SW	
VI.	Field Blanks	ND	SB=6, EB=7
VII.	Matrix Spike/Matrix Spike Duplicates	A	(9,10), (12,13)
VIII.	Duplicate sample analysis	A	11,14
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	N	
XII.	Internal Standard (ICP-MS)	A	reviewed for level IV only
XIII.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-4-3**	2202601-02**	Water	02/07/22
2	MW-4-2	2202601-03	Water	02/07/22
3	MW-4-1	2202601-04	Water	02/07/22
4	MW-11-3	2202601-06	Water	02/07/22
5	MW-11-2**	2202601-07**	Water	02/07/22
6	SB-2-020722	2202601-08	Water	02/07/22
7	EB-6-020722	2202601-09	Water	02/07/22
8	MW-11-1	2202601-10	Water	02/07/22
9	MW-4-3MS	2202601-02MS	Water	02/07/22
10	MW-4-3MSD	2202601-02MSD	Water	02/07/22
11	MW-4-3DUP	2202601-02DUP	Water	02/07/22
12	MW-11-2MS	2202601-07MS	Water	02/07/22
13	MW-11-2MSD	2202601-07MSD	Water	02/07/22
14	MW-11-2DUP	2202601-07DUP	Water	02/07/22
15				

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
Were all water samples preserved to a pH of <2.	✓			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	✓			
Were %RSDs of isoptoes in the tuning solution ≤5%?	✓			
III. Calibration				
Were all instruments calibrated daily?	✓			
Were the proper standards used?	✓			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	✓			
Were the low level standard checks within 70-130%?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?	✓			
V. Interference Check Sample				
Were the interference check samples performed daily?			✓	
Were the AB solution recoveries within 80-120%?			✓	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
VII. Laboratory Control Samples				
SDG?	✓			

Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	✓			
If the recoveries were outside the limits, was a reanalysis performed?			✓	
IX. Serial Dilution				
Were all percent differences <10%?	✓			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		✓		
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		

LDC #: 554230C4a

VALIDATION FINDINGS WORKSHEET
PB/ICB/CCB QUALIFIED SAMPLES

METHOD: Trace metals (EPA SW 864 Method 6010B/6020/7000)
Soil preparation factor applied: NA
Sample Concentration units, unless otherwise noted: ug/L
Associated Samples: 5

Analyte	Maximum PB[a] (mg/Kg)	Maximum PB[a] (mg/L)	Maximum ICB/CCB[a] (ug/L)	Action Level									
Cr			0.523										

Samples with analyte concentrations within five times the associated ICB, CCB or PB concentration are listed above with the identifications from the Validation Completeness Worksheet. These sample results were qualified as not detected, "U".
Note : a - The listed analyte concentration is the highest ICB, CCB, or PB detected in the analysis of each element.

LDC #: 54230C4a

VALIDATION FINDINGS WORKSHEET
Initial and Continuing Calibration Calculation Verification

Reviewer: AM

METHOD: Trace metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
	ICP (Low Level calibration)						
CRL	ICP/MS (Low Level calibration)	Cr	3.240	3.000	108	108	Y
	ICP (Initial calibration)						
ICV	ICP/MS (Initial calibration)	Cr	50.936	50.000	102	102	Y
	CVAA (Initial calibration)						
	ICP (Continuing calibration)						
CCV_5	ICP/MS (Continuing calibration)	Cr	41.394	40.000	103	103	Y
	CVAA (Continuing calibration)						

ICP-MS TUNE	Calculation	Mass	Actual (Mean Counts / Axis)	Required (Counts / Axis)	Recalculated %RSD	Acceptable (Y/N)
	Mass Axis	139.905	139.828	± 0.1 AMU	NA	Y
	%RSD	114.9	49255.9	≤ 5% RSD	2.0	Y

Comments:

LDC #: 54230C4a

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$\%D = \frac{|I-SDR|}{I} \times 100$ Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	µg/L Found / S / I (units)	µg/L True / D / SDR (units)	Recalculated %R / RPD / %D	Reported %R / RPD / %D	Acceptable (Y/N)
	ICP interference check						
LCS	Laboratory control sample B131714	Cr	40.430	40.000	101	101	Y
12	Matrix spike	Cr	(SSR-SR) 42.357	40.000	106	106	Y
12|13	Duplicate	Cr	38.857	42.357	8.62	8.62	Y
5	Post digestion spike	Cr	38.800	40.000	97	96	Y
1	ICP serial dilution	Cr	1.400	0.759	NC	NC	Y

Comments: _____

LDC #: 54230C4a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: ATL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments and within the linear range of the ICP?
(Y) N N/A Are all detection limits below the CRDL?

Detected analyte results for Cr were recalculated and verified using the following equation:

Concentration = $\frac{(RD)(FV)(Dil)}{(In.\ Vol.)}$

Recalculation: #1

RD = Raw data concentration
FV = Final volume (ml)
In. Vol. = Initial volume (ml) or weight (G)
Dil = Dilution factor

0.759

#	Sample ID	Analyte	Reported Concentration (Mg/L)	Calculated Concentration (Mg/L)	Acceptable (Y/N)
	1	Cr	0.76	0.759	Y
	5	Cr	ND	ND (0.388)	Y

Note: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 12, 2022

Parameters: Wet Chemistry

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202601

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-4-3**	2202601-02**	Water	02/07/22
MW-4-2	2202601-03	Water	02/07/22
MW-4-1	2202601-04	Water	02/07/22
MW-11-3	2202601-06	Water	02/07/22
MW-11-2**	2202601-07**	Water	02/07/22
SB-2-020722	2202601-08	Water	02/07/22
EB-6-020722	2202601-09	Water	02/07/22
MW-11-1	2202601-10	Water	02/07/22
MW-4-3MS	2202601-02MS	Water	02/07/22
MW-4-3MSD	2202601-02MSD	Water	02/07/22
MW-4-3DUP	2202601-02DUP	Water	02/07/22
MW-11-2MS	2202601-07MS	Water	02/07/22
MW-11-2MSD	2202601-07MSD	Water	02/07/22
MW-11-2DUP	2202601-07DUP	Water	02/07/22
MW-11-1MS	2202601-10MS	Water	02/07/22
MW-11-1MSD	2202601-10MSD	Water	02/07/22
MW-11-1DUP	2202601-10DUP	Water	02/07/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Chloride, Nitrate as Nitrogen, and Sulfate by Environmental Protection Agency (EPA) Method 300.0
Hexavalent Chromium by EPA Method 218.6
Nitrite as Nitrogen by EPA Method 353.2
Orthophosphate as Phosphorus by EPA Method 365.1

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration of each method were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met for each method when applicable.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.032 ug/L	MW-4-3** MW-4-2 MW-4-1
ICB/CCB	Hexavalent chromium	0.047 ug/L	SB-2-020722 EB-6-020722
PB (prep blank)	Chloride	0.165 mg/L	MW-11-1
ICB/CCB	Chloride Sulfate	0.235 ug/L 0.293 ug/L	MW-11-1

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-4-3**	Hexavalent chromium	0.000044 mg/L	0.000044U mg/L
SB-2-020722	Hexavalent chromium	0.000065 mg/L	0.000065U mg/L
EB-6-020722	Hexavalent chromium	0.000063 mg/L	0.000063U mg/L

V. Field Blanks

Sample EB-6-020722 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-6-020722	Hexavalent chromium	0.000063 mg/L

Sample SB-2-020722 was identified as a source blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
SB-2-020722	Hexavalent chromium	0.000065 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the methods. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. No results were rejected in this SDG.

Due to laboratory blank contamination, data were qualified as not detected in three samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Wet Chemistry - Data Qualification Summary - SDG 2202601

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2202601

Sample	Analyte	Modified Final Concentration	A or P
MW-4-3**	Hexavalent chromium	0.000044U mg/L	A
SB-2-020722	Hexavalent chromium	0.000065U mg/L	A
EB-6-020722	Hexavalent chromium	0.000063U mg/L	A

LDC #: 54230C6 **VALIDATION COMPLETENESS WORKSHEET** Date: 7/11/22
SDG #: 2202601 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: AV
2nd Reviewer:

METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Hexavalent Chromium (EPA Method 218.6), Nitrite-N (EPA Method 353.2), ortho-Phosphate-P (EPA Method 365.1)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	SB=6, EB=7
VI.	Matrix Spike/Matrix Spike Duplicates	A	(9,10), (12,13), (15,16)
VII.	Duplicate sample analysis	A	11, 14, 17
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XI	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank
**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-4-3**	2202601-02**	Water	02/07/22
2	MW-4-2	2202601-03	Water	02/07/22
3	MW-4-1	2202601-04	Water	02/07/22
4	MW-11-3	2202601-06	Water	02/07/22
5	MW-11-2**	2202601-07**	Water	02/07/22
6	SB-2-020722	2202601-08	Water	02/07/22
7	EB-6-020722	2202601-09	Water	02/07/22
8	MW-11-1	2202601-10	Water	02/07/22
9	MW-4-3MS	2202601-02MS	Water	02/07/22
10	MW-4-3MSD	2202601-02MSD	Water	02/07/22
11	MW-4-3DUP	2202601-02DUP	Water	02/07/22
12	MW-11-2MS	2202601-07MS	Water	02/07/22
13	MW-11-2MSD	2202601-07MSD	Water	02/07/22
14	MW-11-2DUP	2202601-07DUP	Water	02/07/22
15	MW-11-1MS	2202601-10MS	Water	02/07/22
16	MW-11-1MSD	2202601-10MSD	Water	02/07/22
17	MW-11-1DUP	2202601-10DUP	Water	02/07/22

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
II. Calibration				
Were all instruments calibrated at the required frequency?	✓			
Were the proper number of standards used?	✓			
Were all initial and continuing calibration verifications within the QC limits?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
Were balance checks performed as required?			✓	
III. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?	✓			
Was there contamination in the initial and continuing calibration blanks?	✓			
IV. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
V. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	✓			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XIII. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?	✓			

LDC #: 54230C6

VALIDATION FINDINGS WORKSHEET
Sample Specific Analysis Reference

Reviewer: ATV

All circled methods are applicable to each sample.

Sample ID	Parameter
1-7,8	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC (Cr6+) ClO_4
8	pH TDS (Cl) F (N) (N) (SO) (O-PO) Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
QC	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
9-14	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC (Cr6+) ClO_4
15,16,17	pH TDS Cl F NO_3 NO_2 SO_4 (O-PO) Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4
	pH TDS Cl F NO_3 NO_2 SO_4 O-PO_4 Alk CN NH_3 TKN TOC Cr6+ ClO_4

Comments: _____

LDC #: 54230C6

VALIDATION FINDINGS WORKSHEET
Blanks

Reviewer: ATL

METHOD: Inorganics, Method See Cover

Conc. units: mg/L **Associated Samples:** 1,2,3

Analyte	Blank ID	Blank ID	Blank Action Limit									
	PB	ICB/CCB (ug/L)		1								
Cr6+		0.032	0.00016	0.000044								

Conc. units: mg/L **Associated Samples:** 6,7

Analyte	Blank ID	Blank ID	Blank Action Limit									
	PB	ICB/CCB (ug/L)		6	7							
Cr6+		0.047	0.000235	0.000065	0.000063							

Conc. units: mg/L **Associated Samples:** 8

Analyte	Blank ID	Blank ID	Blank Action Limit									
	PB	ICB/CCB (ug/L)										
Cl	0.165		0.825									
Cl		0.235	1.175									
SO4		0.293	1.465									

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the method blank concentration were qualified as not detected, "U".

LDC #: 54230C6
SDG #: 2202601

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: ATL

METHOD: Inorganics

(Y) N N/A Were field blanks identified in this SDG?
(Y) N N/A Were target analytes detected in the field blanks?

Sample: 7 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Analyte	Concentration Units (mg/L)
Cr6+	0.000063

Sample: 6 Field Blank / Trip Blank / Rinsate / Other SB (circle one)

Analyte	Concentration Units (mg/L)
Cr6+	0.000065

LDC #: 54230C6

Validation Findings Worksheet
Initial and Continuing Calibration Calculation Verification

Method: Inorganics, Method See Cover

The correlation coefficient (r) for the calibration of Cr6+ was recalculated. Calibration date: 2/7/22

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = Found X 100 / True

Where, Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	FOUND Standard	TRUE Conc. (ug/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial calibration	Cr6+	s1	0.020	0.003	*0.99987*	*0.99967*	Y
		s2	0.2	0.028			
		s3	2	0.254			
		s4	10	1.209			
		s5	25	3.203			
		s6	50	6.39			
ICV Calibration verification	Cr6+	24.131	25.000		96.5	96.5	Y
CCV4 Calibration verification	Cr6+	24.611	25.000		98.4	98.4	Y
CCV5 Calibration verification	Cr6+	24.280	25.000		97.1	97.1	Y

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230C6

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATV

METHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

%R = Found x 100 / True Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = |S-D| x 100 / (S+D)/2 Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	mg/L Found / S (units)	mg/L True / D (units)	Recalculated %R / RPD	Reported %R / RPD	Acceptable (Y/N)
LCS	Laboratory control sample B131425	Cr6+	0.02069	0.0200	103	103	Y
9	Matrix spike sample	Cr6+	(SSR-SR) 0.0205126	0.020202	102	102	Y
9|10	Duplicate sample	Cr6+	0.0196580	0.020557	4.47	4.48	Y

Comments: _____

LDC #: 54230C6

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: ATL

METHOD: Inorganics, Method see cover

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments?
(Y) N N/A Are all detection limits below the CRQL?

Compound (analyte) results for Cr6+ reported with a positive detect were recalculated and verified using the following equation:

Concentration = Recalculation: #5

$$\frac{0.012 - 0.0014}{0.1270} \times \frac{1}{1000} = 0.00008346$$

#	Sample ID	Analyte	Reported Concentration (mg/L)	Calculated Concentration (mg/L)	Acceptable (Y/N)
	1	Cr6+	0.000044	0.0000441	Y
	5	Cr6+	0.000081	0.00008346	Y

Note:

LDC Report# 54230D1a

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: June 23, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203252

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-9-021022	2203252-01	Water	02/10/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For compounds where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the compounds, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all compounds were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all compounds.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all compounds with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
02/15/22	Pentachloroethane	77.8	All samples in SDG 2203252	UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-9-021022 was identified as a trip blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

No field duplicates were identified in this SDG.

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Compound Quantitation

Raw data were not reviewed for Level III validation.

XIII. Target Compound Identifications

Raw data were not reviewed for Level III validation.

XIV. System Performance

Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2203252

Sample	Compound	Flag	A or P	Reason
TB-9-021022	Pentachloroethane	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2203252

No Sample Data Qualified in this SDG

LDC #: 54230D1a **VALIDATION COMPLETENESS WORKSHEET** Date: 4/17/22
SDG #: 2203252 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: 1
2nd Reviewer: MG

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD≤ 20% . r^2 1<r≤ 30%
IV.	Continuing calibration	SW	cc r≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	ES
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	TB-9-021022	2203252-01	Water	02/10/22
2				
3				
4				
5				
6				
7				
8				
9				

Notes:

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. Ethylene Dibromide

LDC #: 54230B1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: 9

METHOD: GC/MS VOA (EPA Method 524.2)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y (N) N/A Were all percent differences (%D) ≤ 30% ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤30.0%)	Associated Samples	Qualifications
	2/15/22	15FGB16	2222	77.8	All (ND)	J (all ND) A

CONCAL 1S5

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 13, 2022

Parameters: Chromium

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203252

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-15	2203252-02	Water	02/10/22
MW-15MS	2203252-02MS	Water	02/10/22
MW-15MSD	2203252-02MSD	Water	02/10/22
MW-15DUP	2203252-02DUP	Water	02/10/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level IV evaluation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5% with the following exceptions:

Date	Analyte	%RSD	Associated Samples	Flag	A or P
02/16/22	Chromium	5.3	MW-15	J (all detects)	P

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

No field blanks were identified in this SDG.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

No field duplicates were identified in this SDG.

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits.

XIII. Target Analyte Quantitation

All target analyte quantitations were acceptable.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to ICPMS tune %RSD, data were qualified as estimated in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2203252

Sample	Analyte	Flag	A or P	Reason
MW-15	Chromium	J (all detects)	P	ICPMS tune (%RSD)

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2203252

No Sample Data Qualified in this SDG

LDC #: 54230D4a

SDG #: 2203252

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level IV

Date: 7/10/22

Page: 1 of 1

Reviewer: AM

2nd Reviewer: CH

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	SW	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	not required
V.	Laboratory Blanks	A	
VI.	Field Blanks	N	
VII.	Matrix Spike/Matrix Spike Duplicates	A	(2,3)
VIII.	Duplicate sample analysis	A	4
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	N	
XII.	Internal Standard (ICP-MS)	A	
XIII.	Target Analyte Quantitation	A	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-15	2203252-02	Water	02/10/22
2	MW-15MS	2203252-02MS	Water	02/10/22
3	MW-15MSD	2203252-02MSD	Water	02/10/22
4	MW-15DUP	2203252-02DUP	Water	02/10/22
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
Were all water samples preserved to a pH of <2.	✓			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	✓			
Were %RSDs of isoptoes in the tuning solution ≤5%?		✓		
III. Calibration				
Were all instruments calibrated daily?	✓			
Were the proper standards used?	✓			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	✓			
Were the low level standard checks within 70-130%?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?		✓		
V. Interference Check Sample				
Were the interference check samples performed daily?			✓	
Were the AB solution recoveries within 80-120%?			✓	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
VII. Laboratory Control Samples				
SDG?	✓			

Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	✓			
If the recoveries were outside the limits, was a reanalysis performed?			✓	
IX. Serial Dilution				
Were all percent differences <10%?	✓			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		✓		
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XIII. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	

LDC #: 54230D4a

VALIDATION FINDINGS WORKSHEET
Tune (ICP-MS)

Reviewer: ATL

METHOD: Metals (EPA SW846 Method6020)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Were all isotopes in the tuning solution mass resolution within 0.1amu?

Y (N) N/A Were %RSD of isotopes in the tuning solution ≤5%?

#	Date	Isotope	Associated Metals	Mass (Limits)	RSD (≤5%)	Associated Samples	Qualifications
	02/16/22	24.0	Cr		5.3	1	J/UJ/P (detect)

LDC #: 54230D4a

VALIDATION FINDINGS WORKSHEET
Initial and Continuing Calibration Calculation Verification

METHOD: Trace metals (EPA SW 846 Method 6010/6020/7000)

An initial and continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{Found}{True} \times 100$$

Where, Found = concentration (in ug/L) of each analyte measured in the analysis of the ICV or CCV solution
True = concentration (in ug/L) of each analyte in the ICV or CCV source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
	ICP (Low Level calibration)						
CRL5	ICP/MS (Low Level calibration)	Cr	3.059	3.000	102	102	Y
	ICP (Initial calibration)						
ICV	ICP/MS (Initial calibration)	Cr	51.353	50.000	103	103	Y
	CVAA (Initial calibration)						
	ICP (Continuing calibration)						
CCVJ	ICP/MS (Continuing calibration)	Cr	41.079	40.000	103	103	Y
	CVAA (Continuing calibration)						

ICP-MS TUNE	Calculation	Mass	Actual (Mean Counts / Axis)	Required (Counts / Axis)	Recalculated %RSD	Acceptable (Y/N)
	Mass Axis	207.977	207.929	± 0.1 AMU	NA	Y
	%RSD	238.1	169076.3	≤ 5% RSD	4.8	Y

Comments:

LDC #: 54230D4a

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Percent recoveries (%R) for an ICP interference check sample, a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = Concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = Concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

An ICP serial dilution percent difference (%D) was recalculated using the following formula:

$\%D = \frac{|I-SDR|}{I} \times 100$ Where, I = Initial Sample Result (mg/L)
SDR = Serial Dilution Result (mg/L) (Instrument Reading x 5)

Sample ID	Type of Analysis	Element	Found / S / I (µg/L) (units)	True / D / SDR (µg/L) (units)	Recalculated %R / RPD / %D	Reported %R / RPD / %D	Acceptable (Y/N)
	ICP interference check						
LCS	Laboratory control sample	Cr	41.396	40.000	103	103	Y
2	Matrix spike	Cr	(SSR-SR) 45.575	40.000	114	114	Y
2|3	Duplicate	Cr	44.459	49.036	9.79	9.79	Y
1	Post digestion spike	Cr	39.378	40.000	98.4	98.6	Y
1	ICP serial dilution	Cr	2.090	3.461	N.C	N.C	Y

Comments: _____

LDC #: 54230D4a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: AIL

METHOD: Trace Metals (EPA SW 846 Method 6010/6020/7000)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments and within the linear range of the ICP?
(Y) N N/A Are all detection limits below the CRDL?

Detected analyte results for Cr were recalculated and verified using the following equation:

Concentration = $\frac{(RD)(FV)(Dil)}{(In.\ Vol.)}$

Recalculation: #1

3.461

RD = Raw data concentration
FV = Final volume (ml)
In. Vol. = Initial volume (ml) or weight (G)
Dil = Dilution factor

#	Sample ID	Analyte	Reported Concentration (ug/L)	Calculated Concentration (ug/L)	Acceptable (Y/N)
	1	Cr	3.5	3.461	Y

Note: _____

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 12, 2022

Parameters: Hexavalent Chromium

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203252

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-15	2203252-02	Water	02/10/22
MW-15MS	2203252-02MS	Water	02/10/22
MW-15MSD	2203252-02MSD	Water	02/10/22
MW-15DUP	2203252-02DUP	Water	02/10/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by EPA Method 218.6

All sample results were subjected to Level IV data validation, which is comprised of the quality control (QC) summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration were met.

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.062 ug/L	All samples in SDG 2203252

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks.

V. Field Blanks

No field blanks were identified in this SDG.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X Target Analyte Quantitation

All target analyte quantitations were acceptable.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2203252

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2203252

No Sample Data Qualified in this SDG

LDC #: 54230D6 **VALIDATION COMPLETENESS WORKSHEET** Date: 7/10/22
SDG #: 2203252 Level IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: AH
2nd Reviewer:

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	A	(2,3)
VII.	Duplicate sample analysis	A	4
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Target Analyte Quantitation	A	
XI	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank

	Client ID	Lab ID	Matrix	Date
1	MW-15	2203252-02	Water	02/10/22
2	MW-15MS	2203252-02MS	Water	02/10/22
3	MW-15MSD	2203252-02MSD	Water	02/10/22
4	MW-15DUP	2203252-02DUP	Water	02/10/22
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	✓			
II. Calibration				
Were all instruments calibrated at the required frequency?	✓			
Were the proper number of standards used?	✓			
Were all initial and continuing calibration verifications within the QC limits?	✓			
Were all initial calibration correlation coefficients within limits as specifed by the method?	✓			
Were balance checks performed as required?			✓	
III. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was there contamination in the method blanks?		✓		
Was there contamination in the initial and continuing calibration blanks?	✓			
IV. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	✓			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	✓			
V. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	✓			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	✓			
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	✓			
Were all soil samples dry weight corrected?			✓	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	✓			

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XIII. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	

LDC #: 54230D6

VALIDATION FINDINGS WORKSHEET
Blanks

Reviewer: ATL

METHOD: Inorganics, Method See Cover

Conc. units: mg/L **Associated Samples:** All

Analyte	Blank ID	Blank ID	Blank Action Limit										
	PB	ICB/CCB (ug/L)											
Cr6+		0.062	0.0003										

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
All contaminants within five times the method blank concentration were qualified as not detected, "U".

LDC #: 54230D6

Validation Findings Worksheet
Initial and Continuing Calibration Calculation Verification

Method: Inorganics, Method See Cover

The correlation coefficient (r) for the calibration of Cr6+ was recalculated. Calibration date: 2/14/22

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

$$\%R = \frac{\text{Found} \times 100}{\text{True}}$$

Where, Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of analysis	Analyte	FOUND Standard	TRUE Conc. (ug/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial calibration	Cr6+	s1	0.020	0.004	*0.99987*	*0.99965*	Y
		s2	0.2	0.026			
		s3	2	0.248			
		s4	10	1.176			
		s5	25	3.112			
		s6	50	6.234			
ICV Calibration verification	Cr6+	24.081	25.000		96.3	96.4	Y
CCV1 Calibration verification	Cr6+	24.695	25.000		98.8	98.8	Y
CCV3 Calibration verification	Cr6+	24.775	25.000		99.1	99.1	Y

Comments: Refer to Calibration Verification findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54230D6

VALIDATION FINDINGS WORKSHEET
Level IV Recalculation Worksheet

Reviewer: ATL

METHOD: Inorganics, Method See cover

Percent recoveries (%R) for a laboratory control sample and a matrix spike sample were recalculated using the following formula:

$\%R = \frac{Found}{True} \times 100$ Where, Found = concentration of each analyte measured in the analysis of the sample. For the matrix spike calculation, Found = SSR (spiked sample result) - SR (sample result).
True = concentration of each analyte in the source.

A sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

$RPD = \frac{|S-D|}{(S+D)/2} \times 100$ Where, S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	mg/L Found / S (units)	mg/L True / D (units)	Recalculated %R / RPD	Reported %R / RPD	Acceptable (Y/N)
LCS	Laboratory control sample	Cr6+	0.01957	0.020	97.8	97.8	Y
2	Matrix spike sample	Cr6+	(SSR-SR) 0.0194418	0.020202	96.1	96.1	Y
2|3	Duplicate sample	Cr6+	0.0201955	0.0201057	0.446	0.461	Y

Comments: _____

LDC #: 54230D6

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: ATV

METHOD: Inorganics, Method See cover

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

(Y) N N/A Have results been reported and calculated correctly?
(Y) N N/A Are results within the calibrated range of the instruments?
(Y) N N/A Are all detection limits below the CRQL?

Compound (analyte) results for Cr6+ reported with a positive detect were recalculated and verified using the following equation:

Concentration = Recalculation:

$$\frac{0.086 - 0.0008}{0.1238} \times \frac{1}{1000} = 0.0006882$$

#	Sample ID	Analyte	Reported Concentration (mg/L)	Calculated Concentration (mg/L)	Acceptable (Y/N)
	1	Cr6+	0.00069	0.0006882	Y

Note: _____

NASA JPL, 1Q2022 - LDC 54230

SDG: 2202321

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-1022	2202321-07	Total Recoverable Chromium	2/7/2022	1.3	Y	y	v j		3.0	0.50	ug/L
EB-3-020222	2202321-10	Total Recoverable Chromium	2/7/2022	3	Y	n	u		3.0	0.50	ug/L
MW-22-1-020222	2202321-04	Total Recoverable Chromium	2/7/2022	1.8	Y	y	v j		3.0	0.50	ug/L
MW-22-2-020222	2202321-03	Total Recoverable Chromium	2/7/2022	2.3	Y	y	v j		3.0	0.50	ug/L
MW-22-3-020222	2202321-02	Total Recoverable Chromium	2/7/2022	2.4	Y	y	v j		3.0	0.50	ug/L
MW-24-1-020222	2202321-09	Total Recoverable Chromium	2/7/2022	5.6	Y	y	v		3.0	0.50	ug/L
MW-24-2-020222	2202321-08	Total Recoverable Chromium	2/7/2022	0.84	Y	y	v j		3.0	0.50	ug/L
MW-24-3-020222	2202321-06	Total Recoverable Chromium	2/7/2022	0.94	Y	y	v j		3.0	0.50	ug/L
MW-24-4-020222	2202321-05	Total Recoverable Chromium	2/7/2022	2.5	Y	y	v j		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-1022	2202321-07	Hexavalent Chromium	2/9/2022	0.00011	Y	y	v j	U	0.0002	0.0000	mg/L
EB-3-020222	2202321-10	Hexavalent Chromium	2/9/2022	0.000052	Y	y	v j	U	0.0002	0.0000	mg/L
MW-22-1-020222	2202321-04	Hexavalent Chromium	2/9/2022	0.00072	Y	y	v		0.0002	0.0000	mg/L
MW-22-2-020222	2202321-03	Hexavalent Chromium	2/9/2022	0.0014	Y	y	v		0.0002	0.0000	mg/L
MW-22-3-020222	2202321-02	Hexavalent Chromium	2/9/2022	0.0021	Y	y	v		0.0002	0.0000	mg/L
MW-24-1-020222	2202321-09	Hexavalent Chromium	2/9/2022	0.0011	Y	y	v		0.0002	0.0000	mg/L
MW-24-2-020222	2202321-08	Hexavalent Chromium	2/9/2022	0.00031	Y	y	v		0.0002	0.0000	mg/L
MW-24-3-020222	2202321-06	Hexavalent Chromium	2/9/2022	0.0001	Y	y	v j	U	0.0002	0.0000	mg/L
MW-24-4-020222	2202321-05	Hexavalent Chromium	2/9/2022	0.00011	Y	y	v j		0.0002	0.0000	mg/L

Analytical Method EPA-300.0

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-1-020222	2202321-09	Sulfate	2/3/2022	58	Y	y	v		1.0	0.14	mg/L

SDG: 2202321

Analytical Method	EPA-300.0										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
MW-24-1-020222	2202321-09	Nitrate as N	2/3/2022	2.5	Y	y	v		0.10	0.024	mg/L
MW-24-1-020222	2202321-09	Chloride	2/3/2022	79	Y	y	v		0.50	0.13	mg/L

Analytical Method	EPA-353.2										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
MW-24-1-020222	2202321-09	Nitrite as N	2/3/2022	0.05	Y	n	u		0.050	0.010	mg/L

Analytical Method	EPA-365.1										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
MW-24-1-020222	2202321-09	ortho-Phosphate as P	2/3/2022	0.05	Y	n	u		0.050	0.017	mg/L

Analytical Method	EPA-524.2										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
DUP-3-1022	2202321-07	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-1022	2202321-07	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-3-1022	2202321-07	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-1022	2202321-07	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-3-1022	2202321-07	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-3-1022	2202321-07	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-3-1022	2202321-07	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-1022	2202321-07	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
DUP-3-1022	2202321-07	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-3-1022	2202321-07	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-3-1022	2202321-07	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-3-1022	2202321-07	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-1022	2202321-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-1022	2202321-07	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-1022	2202321-07	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-3-1022	2202321-07	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-3-1022	2202321-07	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
DUP-3-1022	2202321-07	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-1022	2202321-07	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
DUP-3-1022	2202321-07	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
DUP-3-1022	2202321-07	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-3-1022	2202321-07	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-1022	2202321-07	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
DUP-3-1022	2202321-07	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
DUP-3-1022	2202321-07	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-3-1022	2202321-07	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-3-1022	2202321-07	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-3-1022	2202321-07	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
DUP-3-1022	2202321-07	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-1022	2202321-07	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-3-1022	2202321-07	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-1022	2202321-07	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-1022	2202321-07	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-1022	2202321-07	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-3-1022	2202321-07	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-3-1022	2202321-07	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-3-1022	2202321-07	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-3-1022	2202321-07	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-3-1022	2202321-07	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-1022	2202321-07	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-1022	2202321-07	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-1022	2202321-07	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-1022	2202321-07	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-3-1022	2202321-07	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-1022	2202321-07	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-1022	2202321-07	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-1022	2202321-07	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-1022	2202321-07	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-1022	2202321-07	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-3-1022	2202321-07	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-3-1022	2202321-07	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-3-1022	2202321-07	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-1022	2202321-07	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-3-1022	2202321-07	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-1022	2202321-07	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-1022	2202321-07	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-1022	2202321-07	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-1022	2202321-07	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-1022	2202321-07	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-1022	2202321-07	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-1022	2202321-07	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-1022	2202321-07	1,1-Dichloroethane	2/4/2022	0.15	Y	y	v j		0.50	0.15	ug/L
DUP-3-1022	2202321-07	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-1022	2202321-07	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-020222	2202321-10	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-3-020222	2202321-10	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-020222	2202321-10	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-020222	2202321-10	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
EB-3-020222	2202321-10	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-020222	2202321-10	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-3-020222	2202321-10	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-020222	2202321-10	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-020222	2202321-10	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-3-020222	2202321-10	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-020222	2202321-10	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
EB-3-020222	2202321-10	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
EB-3-020222	2202321-10	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-020222	2202321-10	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-020222	2202321-10	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-3-020222	2202321-10	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-3-020222	2202321-10	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-3-020222	2202321-10	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-020222	2202321-10	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-020222	2202321-10	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-3-020222	2202321-10	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-020222	2202321-10	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-3-020222	2202321-10	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-3-020222	2202321-10	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
EB-3-020222	2202321-10	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-3-020222	2202321-10	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
EB-3-020222	2202321-10	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-020222	2202321-10	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
EB-3-020222	2202321-10	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-3-020222	2202321-10	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
EB-3-020222	2202321-10	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
EB-3-020222	2202321-10	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
EB-3-020222	2202321-10	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-3-020222	2202321-10	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-020222	2202321-10	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
EB-3-020222	2202321-10	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-3-020222	2202321-10	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
EB-3-020222	2202321-10	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-3-020222	2202321-10	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
EB-3-020222	2202321-10	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
EB-3-020222	2202321-10	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
EB-3-020222	2202321-10	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
EB-3-020222	2202321-10	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-020222	2202321-10	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
EB-3-020222	2202321-10	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-3-020222	2202321-10	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
EB-3-020222	2202321-10	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-020222	2202321-10	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-3-020222	2202321-10	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-3-020222	2202321-10	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-020222	2202321-10	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-3-020222	2202321-10	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-020222	2202321-10	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-020222	2202321-10	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-020222	2202321-10	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-020222	2202321-10	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-3-020222	2202321-10	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-020222	2202321-10	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-020222	2202321-10	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-020222	2202321-10	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
EB-3-020222	2202321-10	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-020222	2202321-10	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
EB-3-020222	2202321-10	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-020222	2202321-10	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
EB-3-020222	2202321-10	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-1-020222	2202321-04	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-22-1-020222	2202321-04	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-22-1-020222	2202321-04	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-22-1-020222	2202321-04	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-22-1-020222	2202321-04	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-22-1-020222	2202321-04	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-1-020222	2202321-04	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-1-020222	2202321-04	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-1-020222	2202321-04	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-22-1-020222	2202321-04	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-22-1-020222	2202321-04	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-1-020222	2202321-04	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-22-1-020222	2202321-04	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-1-020222	2202321-04	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-22-1-020222	2202321-04	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-22-1-020222	2202321-04	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-22-1-020222	2202321-04	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-22-1-020222	2202321-04	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-22-1-020222	2202321-04	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-22-1-020222	2202321-04	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-22-1-020222	2202321-04	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-22-1-020222	2202321-04	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-22-1-020222	2202321-04	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	Chloroform	2/4/2022	0.47	Y	y	v j		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-1-020222	2202321-04	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-22-1-020222	2202321-04	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-1-020222	2202321-04	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-22-1-020222	2202321-04	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-1-020222	2202321-04	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-1-020222	2202321-04	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-1-020222	2202321-04	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-1-020222	2202321-04	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-1-020222	2202321-04	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-1-020222	2202321-04	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-22-1-020222	2202321-04	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-1-020222	2202321-04	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-1-020222	2202321-04	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-1-020222	2202321-04	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-1-020222	2202321-04	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-1-020222	2202321-04	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-1-020222	2202321-04	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-1-020222	2202321-04	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-22-1-020222	2202321-04	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	Trichloroethene	2/4/2022	0.41	Y	y	v j		0.50	0.19	ug/L
MW-22-1-020222	2202321-04	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-1-020222	2202321-04	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-1-020222	2202321-04	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-1-020222	2202321-04	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-1-020222	2202321-04	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-1-020222	2202321-04	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-1-020222	2202321-04	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-1-020222	2202321-04	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-1-020222	2202321-04	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-1-020222	2202321-04	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-1-020222	2202321-04	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-1-020222	2202321-04	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-1-020222	2202321-04	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-22-1-020222	2202321-04	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-1-020222	2202321-04	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-1-020222	2202321-04	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-22-1-020222	2202321-04	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-22-1-020222	2202321-04	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-1-020222	2202321-04	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-1-020222	2202321-04	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2-020222	2202321-03	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-2-020222	2202321-03	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2-020222	2202321-03	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2-020222	2202321-03	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-2-020222	2202321-03	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2-020222	2202321-03	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2-020222	2202321-03	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-2-020222	2202321-03	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2-020222	2202321-03	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2-020222	2202321-03	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2-020222	2202321-03	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-22-2-020222	2202321-03	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-22-2-020222	2202321-03	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-2-020222	2202321-03	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2-020222	2202321-03	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2-020222	2202321-03	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-2-020222	2202321-03	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-22-2-020222	2202321-03	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2-020222	2202321-03	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-2-020222	2202321-03	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2-020222	2202321-03	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-22-2-020222	2202321-03	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-2-020222	2202321-03	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-22-2-020222	2202321-03	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-2-020222	2202321-03	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-22-2-020222	2202321-03	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2-020222	2202321-03	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2-020222	2202321-03	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-22-2-020222	2202321-03	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-22-2-020222	2202321-03	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2-020222	2202321-03	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-22-2-020222	2202321-03	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-22-2-020222	2202321-03	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-22-2-020222	2202321-03	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-2-020222	2202321-03	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-22-2-020222	2202321-03	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2-020222	2202321-03	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-22-2-020222	2202321-03	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-22-2-020222	2202321-03	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2-020222	2202321-03	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-22-2-020222	2202321-03	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2-020222	2202321-03	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2-020222	2202321-03	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-22-2-020222	2202321-03	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-2-020222	2202321-03	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-2-020222	2202321-03	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-2-020222	2202321-03	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2-020222	2202321-03	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-2-020222	2202321-03	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2-020222	2202321-03	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-22-2-020222	2202321-03	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-22-2-020222	2202321-03	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-22-2-020222	2202321-03	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-2-020222	2202321-03	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-22-2-020222	2202321-03	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2-020222	2202321-03	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-22-2-020222	2202321-03	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2-020222	2202321-03	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2-020222	2202321-03	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-22-2-020222	2202321-03	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-22-2-020222	2202321-03	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2-020222	2202321-03	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3-020222	2202321-02	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3-020222	2202321-02	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3-020222	2202321-02	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-3-020222	2202321-02	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3-020222	2202321-02	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3-020222	2202321-02	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3-020222	2202321-02	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-3-020222	2202321-02	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3-020222	2202321-02	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-3-020222	2202321-02	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-3-020222	2202321-02	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-3-020222	2202321-02	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Chloroform	2/4/2022	0.14	Y	y	v j		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3-020222	2202321-02	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-3-020222	2202321-02	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3-020222	2202321-02	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-22-3-020222	2202321-02	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3-020222	2202321-02	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3-020222	2202321-02	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3-020222	2202321-02	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-22-3-020222	2202321-02	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-3-020222	2202321-02	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3-020222	2202321-02	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3-020222	2202321-02	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3-020222	2202321-02	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-22-3-020222	2202321-02	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-3-020222	2202321-02	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-22-3-020222	2202321-02	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-22-3-020222	2202321-02	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-22-3-020222	2202321-02	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-22-3-020222	2202321-02	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-22-3-020222	2202321-02	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-22-3-020222	2202321-02	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-22-3-020222	2202321-02	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-22-3-020222	2202321-02	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3-020222	2202321-02	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-22-3-020222	2202321-02	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-22-3-020222	2202321-02	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-22-3-020222	2202321-02	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-22-3-020222	2202321-02	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-22-3-020222	2202321-02	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-22-3-020222	2202321-02	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-22-3-020222	2202321-02	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-22-3-020222	2202321-02	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-22-3-020222	2202321-02	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3-020222	2202321-02	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-22-3-020222	2202321-02	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-22-3-020222	2202321-02	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-22-3-020222	2202321-02	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-22-3-020222	2202321-02	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-22-3-020222	2202321-02	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-22-3-020222	2202321-02	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-3-020222	2202321-02	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3-020222	2202321-02	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3-020222	2202321-02	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3-020222	2202321-02	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-22-3-020222	2202321-02	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-3-020222	2202321-02	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3-020222	2202321-02	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-22-3-020222	2202321-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3-020222	2202321-02	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3-020222	2202321-02	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3-020222	2202321-02	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3-020222	2202321-02	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-22-3-020222	2202321-02	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-22-3-020222	2202321-02	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-3-020222	2202321-02	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-1-020222	2202321-09	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-24-1-020222	2202321-09	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-1-020222	2202321-09	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-1-020222	2202321-09	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-24-1-020222	2202321-09	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1-020222	2202321-09	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-1-020222	2202321-09	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-1-020222	2202321-09	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-1-020222	2202321-09	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-1-020222	2202321-09	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-1-020222	2202321-09	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1-020222	2202321-09	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-1-020222	2202321-09	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-1-020222	2202321-09	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	Chloroform	2/4/2022	4.7	Y	y	v		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	Carbon tetrachloride	2/4/2022	2.3	Y	y	v		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-24-1-020222	2202321-09	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1-020222	2202321-09	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-1-020222	2202321-09	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-1-020222	2202321-09	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-1-020222	2202321-09	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1-020222	2202321-09	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-1-020222	2202321-09	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-1-020222	2202321-09	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-1-020222	2202321-09	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-1-020222	2202321-09	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-1-020222	2202321-09	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1-020222	2202321-09	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1-020222	2202321-09	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1-020222	2202321-09	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1-020222	2202321-09	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1-020222	2202321-09	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-1-020222	2202321-09	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-24-1-020222	2202321-09	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-24-1-020222	2202321-09	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-24-1-020222	2202321-09	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-1-020222	2202321-09	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1-020222	2202321-09	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-24-1-020222	2202321-09	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-24-1-020222	2202321-09	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-24-1-020222	2202321-09	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-1-020222	2202321-09	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-24-1-020222	2202321-09	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-24-1-020222	2202321-09	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1-020222	2202321-09	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-1-020222	2202321-09	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-1-020222	2202321-09	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-1-020222	2202321-09	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-24-1-020222	2202321-09	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-1-020222	2202321-09	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-1-020222	2202321-09	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-24-1-020222	2202321-09	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1-020222	2202321-09	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-1-020222	2202321-09	Tetrachloroethene	2/4/2022	1.6	Y	y	v		0.50	0.23	ug/L
MW-24-1-020222	2202321-09	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1-020222	2202321-09	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-1-020222	2202321-09	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-1-020222	2202321-09	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-1-020222	2202321-09	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-1-020222	2202321-09	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1-020222	2202321-09	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1-020222	2202321-09	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1-020222	2202321-09	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1-020222	2202321-09	Trichloroethene	2/4/2022	0.3	Y	y	v j		0.50	0.19	ug/L
MW-24-1-020222	2202321-09	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2-020222	2202321-08	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-2-020222	2202321-08	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2-020222	2202321-08	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2-020222	2202321-08	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-2-020222	2202321-08	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2-020222	2202321-08	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	Chloroform	2/4/2022	0.67	Y	y	v		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	1,2-Dichloroethane	2/4/2022	0.44	Y	y	v j		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-2-020222	2202321-08	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2-020222	2202321-08	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-2-020222	2202321-08	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-2-020222	2202321-08	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-2-020222	2202321-08	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-2-020222	2202321-08	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2-020222	2202321-08	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2-020222	2202321-08	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2-020222	2202321-08	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-2-020222	2202321-08	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2-020222	2202321-08	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2-020222	2202321-08	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2-020222	2202321-08	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-2-020222	2202321-08	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2-020222	2202321-08	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-2-020222	2202321-08	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2-020222	2202321-08	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-2-020222	2202321-08	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-2-020222	2202321-08	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-2-020222	2202321-08	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-2-020222	2202321-08	1,1-Dichloroethane	2/4/2022	0.18	Y	y	v j		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-24-2-020222	2202321-08	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-2-020222	2202321-08	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-2-020222	2202321-08	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-2-020222	2202321-08	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2-020222	2202321-08	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-24-2-020222	2202321-08	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-24-2-020222	2202321-08	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-24-2-020222	2202321-08	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-2-020222	2202321-08	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-2-020222	2202321-08	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2-020222	2202321-08	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-2-020222	2202321-08	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-24-2-020222	2202321-08	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-2-020222	2202321-08	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2-020222	2202321-08	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-24-2-020222	2202321-08	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-2-020222	2202321-08	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-2-020222	2202321-08	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-24-2-020222	2202321-08	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-2-020222	2202321-08	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2-020222	2202321-08	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-2-020222	2202321-08	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2-020222	2202321-08	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-2-020222	2202321-08	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2-020222	2202321-08	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-2-020222	2202321-08	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-24-2-020222	2202321-08	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2-020222	2202321-08	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2-020222	2202321-08	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-2-020222	2202321-08	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2-020222	2202321-08	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-24-2-020222	2202321-08	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-2-020222	2202321-08	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2-020222	2202321-08	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-3-020222	2202321-06	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-3-020222	2202321-06	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-3-020222	2202321-06	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-3-020222	2202321-06	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-3-020222	2202321-06	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-3-020222	2202321-06	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-3-020222	2202321-06	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-24-3-020222	2202321-06	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-3-020222	2202321-06	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-24-3-020222	2202321-06	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-24-3-020222	2202321-06	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-24-3-020222	2202321-06	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-3-020222	2202321-06	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-3-020222	2202321-06	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-24-3-020222	2202321-06	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-24-3-020222	2202321-06	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-24-3-020222	2202321-06	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3-020222	2202321-06	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-24-3-020222	2202321-06	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-3-020222	2202321-06	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-24-3-020222	2202321-06	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-3-020222	2202321-06	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-3-020222	2202321-06	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-3-020222	2202321-06	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-3-020222	2202321-06	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3-020222	2202321-06	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3-020222	2202321-06	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-24-3-020222	2202321-06	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-3-020222	2202321-06	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-3-020222	2202321-06	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-3-020222	2202321-06	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-3-020222	2202321-06	1,1-Dichloroethane	2/4/2022	0.19	Y	y	v j		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3-020222	2202321-06	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-3-020222	2202321-06	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3-020222	2202321-06	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3-020222	2202321-06	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3-020222	2202321-06	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3-020222	2202321-06	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-3-020222	2202321-06	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3-020222	2202321-06	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3-020222	2202321-06	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-24-3-020222	2202321-06	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3-020222	2202321-06	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3-020222	2202321-06	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-3-020222	2202321-06	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3-020222	2202321-06	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3-020222	2202321-06	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3-020222	2202321-06	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3-020222	2202321-06	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-3-020222	2202321-06	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-3-020222	2202321-06	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3-020222	2202321-06	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-3-020222	2202321-06	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3-020222	2202321-06	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3-020222	2202321-06	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-3-020222	2202321-06	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-24-3-020222	2202321-06	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3-020222	2202321-06	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3-020222	2202321-06	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-3-020222	2202321-06	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-3-020222	2202321-06	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-3-020222	2202321-06	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-020222	2202321-01	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-020222	2202321-01	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-020222	2202321-01	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-020222	2202321-01	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-3-020222	2202321-01	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-020222	2202321-01	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-3-020222	2202321-01	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-3-020222	2202321-01	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-020222	2202321-01	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
TB-3-020222	2202321-01	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-3-020222	2202321-01	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-020222	2202321-01	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-020222	2202321-01	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-3-020222	2202321-01	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-020222	2202321-01	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-3-020222	2202321-01	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-020222	2202321-01	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-3-020222	2202321-01	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-3-020222	2202321-01	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
TB-3-020222	2202321-01	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-3-020222	2202321-01	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-3-020222	2202321-01	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-3-020222	2202321-01	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
TB-3-020222	2202321-01	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
TB-3-020222	2202321-01	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
TB-3-020222	2202321-01	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-3-020222	2202321-01	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-020222	2202321-01	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
TB-3-020222	2202321-01	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
TB-3-020222	2202321-01	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-3-020222	2202321-01	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
TB-3-020222	2202321-01	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
TB-3-020222	2202321-01	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
TB-3-020222	2202321-01	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-3-020222	2202321-01	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-3-020222	2202321-01	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-020222	2202321-01	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
TB-3-020222	2202321-01	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-020222	2202321-01	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
TB-3-020222	2202321-01	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
TB-3-020222	2202321-01	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202321

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-3-020222	2202321-01	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-3-020222	2202321-01	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-020222	2202321-01	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-020222	2202321-01	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-020222	2202321-01	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
TB-3-020222	2202321-01	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-3-020222	2202321-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-020222	2202321-01	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-020222	2202321-01	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-020222	2202321-01	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-3-020222	2202321-01	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
TB-3-020222	2202321-01	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
TB-3-020222	2202321-01	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
TB-3-020222	2202321-01	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-020222	2202321-01	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
TB-3-020222	2202321-01	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

NASA JPL, 1Q2022 - LDC 54230

SDG: 2202427

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	Total Recoverable Chromium	2/8/2022	3	Y	n	u		3.0	0.50	ug/L
EB-4-020322	2202427-06	Total Recoverable Chromium	2/8/2022	3	Y	n	u		3.0	0.50	ug/L
MW-17-2-020322	2202427-04	Total Recoverable Chromium	2/8/2022	3	Y	n	u		3.0	0.50	ug/L
MW-17-3-020322	2202427-03	Total Recoverable Chromium	2/8/2022	1.6	Y	y	v j		3.0	0.50	ug/L
MW-17-4-020322	2202427-02	Total Recoverable Chromium	2/8/2022	2.4	Y	y	v j		3.0	0.50	ug/L
MW-18-2-020322	2202427-10	Total Recoverable Chromium	2/8/2022	3	Y	n	u		3.0	0.50	ug/L
MW-18-3-020322	2202427-09	Total Recoverable Chromium	2/8/2022	2	Y	y	v j		3.0	0.50	ug/L
MW-18-4-020322	2202427-08	Total Recoverable Chromium	2/8/2022	7.6	Y	y	v		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	Hexavalent Chromium	2/8/2022	0.000089	Y	y	v j	UJ	0.0002	0.0000	mg/L
EB-4-020322	2202427-06	Hexavalent Chromium	2/8/2022	0.000065	Y	y	v j	U	0.0002	0.0000	mg/L
MW-17-2-020322	2202427-04	Hexavalent Chromium	2/8/2022	0.000065	Y	y	v j	U	0.0002	0.0000	mg/L
MW-17-3-020322	2202427-03	Hexavalent Chromium	2/8/2022	0.000049	Y	y	v j	U	0.0002	0.0000	mg/L
MW-17-4-020322	2202427-02	Hexavalent Chromium	2/8/2022	0.0015	Y	y	v		0.0002	0.0000	mg/L
MW-18-2-020322	2202427-10	Hexavalent Chromium	2/8/2022	0.00019	Y	y	v j		0.0002	0.0000	mg/L
MW-18-3-020322	2202427-09	Hexavalent Chromium	2/8/2022	0.0018	Y	y	v		0.0002	0.0000	mg/L
MW-18-4-020322	2202427-08	Hexavalent Chromium	2/8/2022	0.0016	Y	y	v		0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
DUP-4-1Q22	2202427-05	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
DUP-4-1Q22	2202427-05	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-4-1Q22	2202427-05	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-4-1Q22	2202427-05	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-4-1Q22	2202427-05	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-4-1Q22	2202427-05	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-1Q22	2202427-05	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-4-1Q22	2202427-05	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
DUP-4-1Q22	2202427-05	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-4-1Q22	2202427-05	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-4-1Q22	2202427-05	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-1Q22	2202427-05	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-4-1Q22	2202427-05	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-4-1Q22	2202427-05	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-4-1Q22	2202427-05	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-1Q22	2202427-05	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
DUP-4-1Q22	2202427-05	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-4-1Q22	2202427-05	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-1Q22	2202427-05	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-4-1Q22	2202427-05	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-4-1Q22	2202427-05	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-1Q22	2202427-05	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-4-1Q22	2202427-05	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
DUP-4-1Q22	2202427-05	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
DUP-4-1Q22	2202427-05	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-4-1Q22	2202427-05	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-4-1Q22	2202427-05	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-4-1Q22	2202427-05	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-4-1Q22	2202427-05	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-4-1Q22	2202427-05	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-1Q22	2202427-05	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-4-1Q22	2202427-05	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-1Q22	2202427-05	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-4-1Q22	2202427-05	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-1Q22	2202427-05	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-1Q22	2202427-05	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-1Q22	2202427-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-1Q22	2202427-05	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-1Q22	2202427-05	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
DUP-4-1Q22	2202427-05	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-1Q22	2202427-05	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-1Q22	2202427-05	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-4-1Q22	2202427-05	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-4-1Q22	2202427-05	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-1Q22	2202427-05	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-1Q22	2202427-05	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-1Q22	2202427-05	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-1Q22	2202427-05	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-1Q22	2202427-05	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-4-1Q22	2202427-05	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-1Q22	2202427-05	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-4-1Q22	2202427-05	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-1Q22	2202427-05	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-1Q22	2202427-05	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-4-1Q22	2202427-05	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-4-1Q22	2202427-05	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-1Q22	2202427-05	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-1Q22	2202427-05	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-4-020322	2202427-06	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
EB-4-020322	2202427-06	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-020322	2202427-06	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
EB-4-020322	2202427-06	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
EB-4-020322	2202427-06	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-020322	2202427-06	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-4-020322	2202427-06	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
EB-4-020322	2202427-06	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
EB-4-020322	2202427-06	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
EB-4-020322	2202427-06	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
EB-4-020322	2202427-06	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-020322	2202427-06	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-020322	2202427-06	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-4-020322	2202427-06	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-020322	2202427-06	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-4-020322	2202427-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-020322	2202427-06	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
EB-4-020322	2202427-06	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-020322	2202427-06	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
EB-4-020322	2202427-06	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
EB-4-020322	2202427-06	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-4-020322	2202427-06	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
EB-4-020322	2202427-06	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
EB-4-020322	2202427-06	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
EB-4-020322	2202427-06	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
EB-4-020322	2202427-06	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-4-020322	2202427-06	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
EB-4-020322	2202427-06	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
EB-4-020322	2202427-06	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-020322	2202427-06	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-4-020322	2202427-06	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
EB-4-020322	2202427-06	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-020322	2202427-06	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-020322	2202427-06	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-4-020322	2202427-06	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-4-020322	2202427-06	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
EB-4-020322	2202427-06	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-4-020322	2202427-06	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-4-020322	2202427-06	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-020322	2202427-06	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-4-020322	2202427-06	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-4-020322	2202427-06	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-020322	2202427-06	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-020322	2202427-06	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-020322	2202427-06	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-020322	2202427-06	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-020322	2202427-06	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-020322	2202427-06	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-4-020322	2202427-06	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-4-020322	2202427-06	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-4-020322	2202427-06	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-020322	2202427-06	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-4-020322	2202427-06	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-020322	2202427-06	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-020322	2202427-06	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-020322	2202427-06	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-020322	2202427-06	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-020322	2202427-06	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-020322	2202427-06	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-020322	2202427-06	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-020322	2202427-06	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-020322	2202427-06	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2-020322	2202427-04	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-2-020322	2202427-04	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2-020322	2202427-04	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-2-020322	2202427-04	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2-020322	2202427-04	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-2-020322	2202427-04	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2-020322	2202427-04	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2-020322	2202427-04	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-17-2-020322	2202427-04	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-2-020322	2202427-04	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2-020322	2202427-04	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-2-020322	2202427-04	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-2-020322	2202427-04	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-2-020322	2202427-04	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-17-2-020322	2202427-04	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-2-020322	2202427-04	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-2-020322	2202427-04	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2-020322	2202427-04	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-17-2-020322	2202427-04	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2-020322	2202427-04	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-2-020322	2202427-04	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-2-020322	2202427-04	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-17-2-020322	2202427-04	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-2-020322	2202427-04	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-17-2-020322	2202427-04	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-17-2-020322	2202427-04	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-2-020322	2202427-04	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-17-2-020322	2202427-04	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-2-020322	2202427-04	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-2-020322	2202427-04	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-17-2-020322	2202427-04	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-17-2-020322	2202427-04	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-2-020322	2202427-04	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-2-020322	2202427-04	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2-020322	2202427-04	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-17-2-020322	2202427-04	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-17-2-020322	2202427-04	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-2-020322	2202427-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-17-2-020322	2202427-04	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-17-2-020322	2202427-04	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2-020322	2202427-04	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2-020322	2202427-04	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-17-2-020322	2202427-04	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2-020322	2202427-04	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-2-020322	2202427-04	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-2-020322	2202427-04	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-17-2-020322	2202427-04	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-2-020322	2202427-04	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-2-020322	2202427-04	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2-020322	2202427-04	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-2-020322	2202427-04	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-2-020322	2202427-04	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-2-020322	2202427-04	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2-020322	2202427-04	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2-020322	2202427-04	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-2-020322	2202427-04	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2-020322	2202427-04	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-2-020322	2202427-04	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2-020322	2202427-04	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2-020322	2202427-04	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2-020322	2202427-04	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-2-020322	2202427-04	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3-020322	2202427-03	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3-020322	2202427-03	Styrene	2/4/2022	0.39	Y	y	v j		0.50	0.12	ug/L
MW-17-3-020322	2202427-03	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-3-020322	2202427-03	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-3-020322	2202427-03	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	Tetrachloroethene	2/4/2022	0.33	Y	y	v j		0.50	0.23	ug/L
MW-17-3-020322	2202427-03	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-3-020322	2202427-03	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3-020322	2202427-03	Toluene	2/4/2022	0.24	Y	y	v j		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3-020322	2202427-03	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3-020322	2202427-03	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3-020322	2202427-03	Trichloroethene	2/4/2022	2.2	Y	y	v		0.50	0.19	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-3-020322	2202427-03	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3-020322	2202427-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3-020322	2202427-03	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-3-020322	2202427-03	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-3-020322	2202427-03	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3-020322	2202427-03	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3-020322	2202427-03	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-3-020322	2202427-03	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3-020322	2202427-03	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-3-020322	2202427-03	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3-020322	2202427-03	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3-020322	2202427-03	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-3-020322	2202427-03	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-3-020322	2202427-03	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-3-020322	2202427-03	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-17-3-020322	2202427-03	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-3-020322	2202427-03	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3-020322	2202427-03	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3-020322	2202427-03	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-3-020322	2202427-03	Chloroform	2/4/2022	0.16	Y	y	v j		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3-020322	2202427-03	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-17-3-020322	2202427-03	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-3-020322	2202427-03	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-17-3-020322	2202427-03	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-3-020322	2202427-03	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-3-020322	2202427-03	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3-020322	2202427-03	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3-020322	2202427-03	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3-020322	2202427-03	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3-020322	2202427-03	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-3-020322	2202427-03	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-3-020322	2202427-03	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-3-020322	2202427-03	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-17-3-020322	2202427-03	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-3-020322	2202427-03	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-3-020322	2202427-03	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3-020322	2202427-03	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-17-3-020322	2202427-03	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-17-3-020322	2202427-03	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3-020322	2202427-03	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-3-020322	2202427-03	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-3-020322	2202427-03	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-17-3-020322	2202427-03	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3-020322	2202427-03	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-3-020322	2202427-03	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-17-3-020322	2202427-03	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-17-3-020322	2202427-03	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-3-020322	2202427-03	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-17-3-020322	2202427-03	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-3-020322	2202427-03	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-17-4-020322	2202427-02	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4-020322	2202427-02	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-4-020322	2202427-02	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-4-020322	2202427-02	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-4-020322	2202427-02	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4-020322	2202427-02	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-4-020322	2202427-02	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-4-020322	2202427-02	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-17-4-020322	2202427-02	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-4-020322	2202427-02	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4-020322	2202427-02	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-4-020322	2202427-02	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-4-020322	2202427-02	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4-020322	2202427-02	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	Tetrachloroethene	2/4/2022	0.62	Y	y	v		0.50	0.23	ug/L
MW-17-4-020322	2202427-02	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-17-4-020322	2202427-02	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-17-4-020322	2202427-02	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4-020322	2202427-02	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-4-020322	2202427-02	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4-020322	2202427-02	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4-020322	2202427-02	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4-020322	2202427-02	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-17-4-020322	2202427-02	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-4-020322	2202427-02	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-4-020322	2202427-02	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4-020322	2202427-02	Trichloroethene	2/4/2022	0.65	Y	y	v		0.50	0.19	ug/L
MW-17-4-020322	2202427-02	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-4-020322	2202427-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4-020322	2202427-02	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4-020322	2202427-02	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-17-4-020322	2202427-02	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-4-020322	2202427-02	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4-020322	2202427-02	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4-020322	2202427-02	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-4-020322	2202427-02	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-4-020322	2202427-02	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-17-4-020322	2202427-02	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-4-020322	2202427-02	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-4-020322	2202427-02	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4-020322	2202427-02	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-17-4-020322	2202427-02	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-17-4-020322	2202427-02	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-4-020322	2202427-02	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-17-4-020322	2202427-02	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-4-020322	2202427-02	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-4-020322	2202427-02	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4-020322	2202427-02	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4-020322	2202427-02	Chloroform	2/4/2022	0.7	Y	y	v		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4-020322	2202427-02	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4-020322	2202427-02	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4-020322	2202427-02	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4-020322	2202427-02	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4-020322	2202427-02	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-4-020322	2202427-02	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4-020322	2202427-02	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-4-020322	2202427-02	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4-020322	2202427-02	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-17-4-020322	2202427-02	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-17-4-020322	2202427-02	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-17-4-020322	2202427-02	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-17-4-020322	2202427-02	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4-020322	2202427-02	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-4-020322	2202427-02	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-17-4-020322	2202427-02	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-17-4-020322	2202427-02	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-17-4-020322	2202427-02	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4-020322	2202427-02	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2-020322	2202427-10	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-2-020322	2202427-10	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-2-020322	2202427-10	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-18-2-020322	2202427-10	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-2-020322	2202427-10	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-18-2-020322	2202427-10	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-2-020322	2202427-10	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-2-020322	2202427-10	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-18-2-020322	2202427-10	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-18-2-020322	2202427-10	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-18-2-020322	2202427-10	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-2-020322	2202427-10	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2-020322	2202427-10	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-18-2-020322	2202427-10	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-18-2-020322	2202427-10	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-18-2-020322	2202427-10	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-18-2-020322	2202427-10	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-18-2-020322	2202427-10	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-2-020322	2202427-10	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-18-2-020322	2202427-10	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-2-020322	2202427-10	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2-020322	2202427-10	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2-020322	2202427-10	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-2-020322	2202427-10	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2-020322	2202427-10	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-18-2-020322	2202427-10	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-2-020322	2202427-10	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2-020322	2202427-10	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2-020322	2202427-10	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-2-020322	2202427-10	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-2-020322	2202427-10	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-2-020322	2202427-10	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-2-020322	2202427-10	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-2-020322	2202427-10	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2-020322	2202427-10	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-2-020322	2202427-10	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-2-020322	2202427-10	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-2-020322	2202427-10	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-2-020322	2202427-10	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-2-020322	2202427-10	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-2-020322	2202427-10	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-2-020322	2202427-10	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-2-020322	2202427-10	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2-020322	2202427-10	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2-020322	2202427-10	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-2-020322	2202427-10	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-2-020322	2202427-10	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-2-020322	2202427-10	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2-020322	2202427-10	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-2-020322	2202427-10	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2-020322	2202427-10	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2-020322	2202427-10	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-2-020322	2202427-10	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-2-020322	2202427-10	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-2-020322	2202427-10	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2-020322	2202427-10	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2-020322	2202427-10	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2-020322	2202427-10	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-2-020322	2202427-10	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2-020322	2202427-10	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2-020322	2202427-10	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-2-020322	2202427-10	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2-020322	2202427-10	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2-020322	2202427-10	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2-020322	2202427-10	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2-020322	2202427-10	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3-020322	2202427-09	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-3-020322	2202427-09	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-3-020322	2202427-09	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-3-020322	2202427-09	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3-020322	2202427-09	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-3-020322	2202427-09	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3-020322	2202427-09	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3-020322	2202427-09	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3-020322	2202427-09	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3-020322	2202427-09	Carbon tetrachloride	2/4/2022	0.19	Y	y	v j		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-3-020322	2202427-09	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-3-020322	2202427-09	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-3-020322	2202427-09	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3-020322	2202427-09	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-3-020322	2202427-09	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3-020322	2202427-09	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-3-020322	2202427-09	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3-020322	2202427-09	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-3-020322	2202427-09	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3-020322	2202427-09	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3-020322	2202427-09	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3-020322	2202427-09	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-3-020322	2202427-09	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-3-020322	2202427-09	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-3-020322	2202427-09	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-3-020322	2202427-09	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-3-020322	2202427-09	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-18-3-020322	2202427-09	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-3-020322	2202427-09	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-3-020322	2202427-09	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3-020322	2202427-09	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-18-3-020322	2202427-09	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-18-3-020322	2202427-09	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-3-020322	2202427-09	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-18-3-020322	2202427-09	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-3-020322	2202427-09	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-3-020322	2202427-09	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-18-3-020322	2202427-09	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-3-020322	2202427-09	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-3-020322	2202427-09	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-3-020322	2202427-09	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3-020322	2202427-09	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-18-3-020322	2202427-09	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-3-020322	2202427-09	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3-020322	2202427-09	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-3-020322	2202427-09	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3-020322	2202427-09	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-3-020322	2202427-09	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3-020322	2202427-09	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3-020322	2202427-09	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3-020322	2202427-09	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-3-020322	2202427-09	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3-020322	2202427-09	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-3-020322	2202427-09	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-3-020322	2202427-09	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3-020322	2202427-09	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3-020322	2202427-09	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-3-020322	2202427-09	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-3-020322	2202427-09	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-18-3-020322	2202427-09	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-3-020322	2202427-09	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-3-020322	2202427-09	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3-020322	2202427-09	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-4-020322	2202427-08	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-4-020322	2202427-08	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	Chloroform	2/4/2022	1.2	Y	y	v		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4-020322	2202427-08	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-4-020322	2202427-08	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-4-020322	2202427-08	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-4-020322	2202427-08	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-4-020322	2202427-08	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4-020322	2202427-08	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4-020322	2202427-08	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-4-020322	2202427-08	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-4-020322	2202427-08	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-4-020322	2202427-08	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4-020322	2202427-08	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-18-4-020322	2202427-08	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4-020322	2202427-08	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-4-020322	2202427-08	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-18-4-020322	2202427-08	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-18-4-020322	2202427-08	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-18-4-020322	2202427-08	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-4-020322	2202427-08	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-4-020322	2202427-08	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-18-4-020322	2202427-08	Carbon tetrachloride	2/4/2022	4.3	Y	y	v		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-4-020322	2202427-08	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-4-020322	2202427-08	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4-020322	2202427-08	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-4-020322	2202427-08	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4-020322	2202427-08	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4-020322	2202427-08	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4-020322	2202427-08	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-4-020322	2202427-08	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-4-020322	2202427-08	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-4-020322	2202427-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4-020322	2202427-08	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4-020322	2202427-08	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-18-4-020322	2202427-08	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-4-020322	2202427-08	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-4-020322	2202427-08	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-4-020322	2202427-08	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4-020322	2202427-08	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-4-020322	2202427-08	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-4-020322	2202427-08	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-18-4-020322	2202427-08	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4-020322	2202427-08	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-4-020322	2202427-08	Trichloroethene	2/4/2022	1.6	Y	y	v		0.50	0.19	ug/L
MW-18-4-020322	2202427-08	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-4-020322	2202427-08	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4-020322	2202427-08	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4-020322	2202427-08	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4-020322	2202427-08	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-4-020322	2202427-08	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-4-020322	2202427-08	Tetrachloroethene	2/4/2022	1.2	Y	y	v		0.50	0.23	ug/L
MW-18-4-020322	2202427-08	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4-020322	2202427-08	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4-020322	2202427-08	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-4-020322	2202427-08	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4-020322	2202427-08	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4-020322	2202427-08	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5-020322	2202427-07	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-5-020322	2202427-07	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-5-020322	2202427-07	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-18-5-020322	2202427-07	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-5-020322	2202427-07	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5-020322	2202427-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-5-020322	2202427-07	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-5-020322	2202427-07	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5-020322	2202427-07	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5-020322	2202427-07	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5-020322	2202427-07	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5-020322	2202427-07	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5-020322	2202427-07	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5-020322	2202427-07	Styrene	2/4/2022	0.16	Y	y	v j		0.50	0.12	ug/L
MW-18-5-020322	2202427-07	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-5-020322	2202427-07	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5-020322	2202427-07	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-5-020322	2202427-07	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-5-020322	2202427-07	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-18-5-020322	2202427-07	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5-020322	2202427-07	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-18-5-020322	2202427-07	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-5-020322	2202427-07	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-18-5-020322	2202427-07	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-18-5-020322	2202427-07	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-18-5-020322	2202427-07	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-18-5-020322	2202427-07	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-5-020322	2202427-07	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-18-5-020322	2202427-07	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5-020322	2202427-07	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-5-020322	2202427-07	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-18-5-020322	2202427-07	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-18-5-020322	2202427-07	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5-020322	2202427-07	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-5-020322	2202427-07	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-5-020322	2202427-07	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-5-020322	2202427-07	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-18-5-020322	2202427-07	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5-020322	2202427-07	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-5-020322	2202427-07	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-5-020322	2202427-07	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-5-020322	2202427-07	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-5-020322	2202427-07	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-5-020322	2202427-07	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-5-020322	2202427-07	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-18-5-020322	2202427-07	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-5-020322	2202427-07	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-5-020322	2202427-07	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-5-020322	2202427-07	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5-020322	2202427-07	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-5-020322	2202427-07	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-5-020322	2202427-07	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5-020322	2202427-07	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-5-020322	2202427-07	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-5-020322	2202427-07	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5-020322	2202427-07	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5-020322	2202427-07	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5-020322	2202427-07	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-5-020322	2202427-07	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5-020322	2202427-07	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5-020322	2202427-07	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-5-020322	2202427-07	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5-020322	2202427-07	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5-020322	2202427-07	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-5-020322	2202427-07	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5-020322	2202427-07	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-5-020322	2202427-07	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5-020322	2202427-07	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-18-5-020322	2202427-07	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-5-020322	2202427-07	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5-020322	2202427-07	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5-020322	2202427-07	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-4-020322	2202427-01	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-020322	2202427-01	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-4-020322	2202427-01	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-020322	2202427-01	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-4-020322	2202427-01	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
TB-4-020322	2202427-01	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-4-020322	2202427-01	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-4-020322	2202427-01	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-4-020322	2202427-01	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-020322	2202427-01	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-4-020322	2202427-01	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-4-020322	2202427-01	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-020322	2202427-01	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-020322	2202427-01	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-4-020322	2202427-01	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-4-020322	2202427-01	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-4-020322	2202427-01	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-020322	2202427-01	Methylene chloride	2/4/2022	0.89	Y	y	v		0.50	0.21	ug/L
TB-4-020322	2202427-01	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-020322	2202427-01	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-020322	2202427-01	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-020322	2202427-01	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-020322	2202427-01	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-020322	2202427-01	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
TB-4-020322	2202427-01	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-4-020322	2202427-01	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-4-020322	2202427-01	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
TB-4-020322	2202427-01	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
TB-4-020322	2202427-01	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
TB-4-020322	2202427-01	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-4-020322	2202427-01	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
TB-4-020322	2202427-01	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
TB-4-020322	2202427-01	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
TB-4-020322	2202427-01	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
TB-4-020322	2202427-01	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
TB-4-020322	2202427-01	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-4-020322	2202427-01	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-020322	2202427-01	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
TB-4-020322	2202427-01	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-020322	2202427-01	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
TB-4-020322	2202427-01	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
TB-4-020322	2202427-01	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-020322	2202427-01	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-020322	2202427-01	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2202427

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-4-020322	2202427-01	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-020322	2202427-01	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-020322	2202427-01	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-020322	2202427-01	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-020322	2202427-01	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-4-020322	2202427-01	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-020322	2202427-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-020322	2202427-01	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-020322	2202427-01	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-020322	2202427-01	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-020322	2202427-01	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
TB-4-020322	2202427-01	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
TB-4-020322	2202427-01	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
TB-4-020322	2202427-01	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-4-020322	2202427-01	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
TB-4-020322	2202427-01	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

NASA JPL, 1Q 2022 - LDC 54230

SDG: 2202601

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-6-020722	2202601-09	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-1	2202601-10	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-2	2202601-07	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-3	2202601-06	Total Recoverable Chromium	2/14/2022	0.61	Y	y	v j		3.0	0.50	ug/L
MW-4-1	2202601-04	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L
MW-4-2	2202601-03	Total Recoverable Chromium	2/14/2022	1.9	Y	y	v j		3.0	0.50	ug/L
MW-4-3	2202601-02	Total Recoverable Chromium	2/14/2022	0.76	Y	y	v j		3.0	0.50	ug/L
SB-2-020722	2202601-08	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-6-020722	2202601-09	Hexavalent Chromium	2/9/2022	0.000063	Y	y	v j	U	0.0002	0.0000	mg/L
MW-11-1	2202601-10	Hexavalent Chromium	2/9/2022	0.0001	Y	y	v j		0.0002	0.0000	mg/L
MW-11-2	2202601-07	Hexavalent Chromium	2/9/2022	0.000081	Y	y	v j		0.0002	0.0000	mg/L
MW-11-3	2202601-06	Hexavalent Chromium	2/9/2022	0.000074	Y	y	v j		0.0002	0.0000	mg/L
MW-4-1	2202601-04	Hexavalent Chromium	2/9/2022	0.0002	Y	y	v		0.0002	0.0000	mg/L
MW-4-2	2202601-03	Hexavalent Chromium	2/9/2022	0.0016	Y	y	v		0.0002	0.0000	mg/L
MW-4-3	2202601-02	Hexavalent Chromium	2/9/2022	0.000044	Y	y	v j	U	0.0002	0.0000	mg/L
SB-2-020722	2202601-08	Hexavalent Chromium	2/9/2022	0.000065	Y	y	v j	U	0.0002	0.0000	mg/L

Analytical Method EPA-300.0

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-1	2202601-10	Sulfate	2/8/2022	49	Y	y	v		1.0	0.14	mg/L
MW-11-1	2202601-10	Nitrate as N	2/8/2022	0.47	Y	y	v		0.10	0.024	mg/L
MW-11-1	2202601-10	Chloride	2/8/2022	22	Y	y	v		0.50	0.13	mg/L

SDG: 2202601

Analytical Method	EPA-353.2										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
MW-11-1	2202601-10	Nitrite as N	2/8/2022	0.011	Y	y	v j		0.050	0.010	mg/L

Analytical Method	EPA-365.1										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
MW-11-1	2202601-10	ortho-Phosphate as P	2/8/2022	0.033	Y	y	v j		0.050	0.017	mg/L

Analytical Method	EPA-524.2										
Sample ID	**Lab Sample ID**	**Chemical Name**	**Anal Date**	**Result**	**Report**	**Detect**	**Lab Qual**	**Val Qual**	**RL**	**MDL**	**Units**
EB-6-020722	2202601-09	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-6-020722	2202601-09	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-020722	2202601-09	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-020722	2202601-09	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
EB-6-020722	2202601-09	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-020722	2202601-09	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
EB-6-020722	2202601-09	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-020722	2202601-09	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-020722	2202601-09	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-020722	2202601-09	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-6-020722	2202601-09	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
EB-6-020722	2202601-09	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-020722	2202601-09	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-6-020722	2202601-09	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
EB-6-020722	2202601-09	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-6-020722	2202601-09	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
EB-6-020722	2202601-09	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
EB-6-020722	2202601-09	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
EB-6-020722	2202601-09	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
EB-6-020722	2202601-09	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
EB-6-020722	2202601-09	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-6-020722	2202601-09	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-6-020722	2202601-09	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-020722	2202601-09	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
EB-6-020722	2202601-09	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-6-020722	2202601-09	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-6-020722	2202601-09	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
EB-6-020722	2202601-09	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
EB-6-020722	2202601-09	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
EB-6-020722	2202601-09	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-6-020722	2202601-09	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
EB-6-020722	2202601-09	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-020722	2202601-09	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
EB-6-020722	2202601-09	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-6-020722	2202601-09	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
EB-6-020722	2202601-09	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-6-020722	2202601-09	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-6-020722	2202601-09	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
EB-6-020722	2202601-09	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-6-020722	2202601-09	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-020722	2202601-09	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-020722	2202601-09	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
EB-6-020722	2202601-09	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-6-020722	2202601-09	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-6-020722	2202601-09	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-020722	2202601-09	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-020722	2202601-09	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-020722	2202601-09	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-6-020722	2202601-09	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-020722	2202601-09	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-6-020722	2202601-09	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-6-020722	2202601-09	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-020722	2202601-09	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-020722	2202601-09	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-020722	2202601-09	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-020722	2202601-09	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-020722	2202601-09	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-020722	2202601-09	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-6-020722	2202601-09	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-020722	2202601-09	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
EB-6-020722	2202601-09	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2202601-10	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2202601-10	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-11-1	2202601-10	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-1	2202601-10	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-1	2202601-10	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2202601-10	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-1	2202601-10	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2202601-10	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2202601-10	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-1	2202601-10	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-1	2202601-10	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2202601-10	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-11-1	2202601-10	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2202601-10	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-1	2202601-10	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2202601-10	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-11-1	2202601-10	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-11-1	2202601-10	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-11-1	2202601-10	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-11-1	2202601-10	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-11-1	2202601-10	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2202601-10	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-1	2202601-10	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-11-1	2202601-10	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-11-1	2202601-10	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-1	2202601-10	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-1	2202601-10	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-1	2202601-10	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-1	2202601-10	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-1	2202601-10	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-1	2202601-10	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-11-1	2202601-10	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-1	2202601-10	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2202601-10	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2202601-10	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-1	2202601-10	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-11-1	2202601-10	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2202601-10	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-1	2202601-10	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-1	2202601-10	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-1	2202601-10	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-1	2202601-10	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-1	2202601-10	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-1	2202601-10	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2202601-10	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-11-1	2202601-10	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-1	2202601-10	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-11-1	2202601-10	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2202601-10	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-1	2202601-10	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-1	2202601-10	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-1	2202601-10	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-1	2202601-10	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-1	2202601-10	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-1	2202601-10	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2202601-10	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-1	2202601-10	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-1	2202601-10	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2202601-10	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2202601-10	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2202601-10	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2202601-10	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-1	2202601-10	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-1	2202601-10	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2202601-10	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2202601-10	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2202601-07	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2202601-07	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2202601-07	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-2	2202601-07	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-2	2202601-07	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-11-2	2202601-07	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2202601-07	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2202601-07	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-2	2202601-07	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2202601-07	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2202601-07	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-2	2202601-07	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2202601-07	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2202601-07	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-2	2202601-07	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-2	2202601-07	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-2	2202601-07	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-11-2	2202601-07	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-2	2202601-07	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2202601-07	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-11-2	2202601-07	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-2	2202601-07	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-2	2202601-07	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-2	2202601-07	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-2	2202601-07	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-11-2	2202601-07	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-11-2	2202601-07	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2202601-07	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-2	2202601-07	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-2	2202601-07	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-2	2202601-07	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-2	2202601-07	Pentachloroethane	2/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-11-2	2202601-07	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-2	2202601-07	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-2	2202601-07	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-2	2202601-07	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-2	2202601-07	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-2	2202601-07	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	Chloromethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2202601-07	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-2	2202601-07	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2202601-07	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2202601-07	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2202601-07	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-11-2	2202601-07	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-2	2202601-07	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-2	2202601-07	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2202601-07	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-11-2	2202601-07	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2202601-07	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2202601-07	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-2	2202601-07	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-2	2202601-07	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-2	2202601-07	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-2	2202601-07	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2202601-07	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-2	2202601-07	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2202601-07	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2202601-07	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2202601-07	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2202601-07	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2202601-07	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2202601-07	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2202601-06	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-3	2202601-06	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2202601-06	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-3	2202601-06	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-3	2202601-06	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2202601-06	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-3	2202601-06	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-3	2202601-06	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2202601-06	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-3	2202601-06	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2202601-06	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2202601-06	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-3	2202601-06	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2202601-06	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-11-3	2202601-06	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-3	2202601-06	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2202601-06	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-3	2202601-06	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2202601-06	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-3	2202601-06	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-11-3	2202601-06	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-3	2202601-06	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-3	2202601-06	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-3	2202601-06	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2202601-06	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-3	2202601-06	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-3	2202601-06	Carbon disulfide	2/10/2022	0.7	Y	y	v		0.50	0.48	ug/L
MW-11-3	2202601-06	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-3	2202601-06	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-3	2202601-06	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-3	2202601-06	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-3	2202601-06	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-3	2202601-06	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-11-3	2202601-06	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-3	2202601-06	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-3	2202601-06	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-3	2202601-06	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-3	2202601-06	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-3	2202601-06	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-11-3	2202601-06	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-11-3	2202601-06	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-3	2202601-06	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2202601-06	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-11-3	2202601-06	Trichloroethene	2/10/2022	0.51	Y	y	v		0.50	0.19	ug/L
MW-11-3	2202601-06	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-3	2202601-06	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-3	2202601-06	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-3	2202601-06	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2202601-06	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2202601-06	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2202601-06	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2202601-06	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-3	2202601-06	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-3	2202601-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2202601-06	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2202601-06	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2202601-06	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-3	2202601-06	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-11-3	2202601-06	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-3	2202601-06	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2202601-06	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-11-3	2202601-06	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2202601-05	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2202601-05	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-4	2202601-05	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-4	2202601-05	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-11-4	2202601-05	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-4	2202601-05	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2202601-05	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2202601-05	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2202601-05	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-4	2202601-05	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-4	2202601-05	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2202601-05	Styrene	2/10/2022	0.16	Y	y	v j		0.50	0.12	ug/L
MW-11-4	2202601-05	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-4	2202601-05	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-4	2202601-05	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-4	2202601-05	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2202601-05	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-4	2202601-05	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-11-4	2202601-05	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-11-4	2202601-05	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-11-4	2202601-05	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-4	2202601-05	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-4	2202601-05	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-4	2202601-05	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-4	2202601-05	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-11-4	2202601-05	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-11-4	2202601-05	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-4	2202601-05	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-4	2202601-05	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-4	2202601-05	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-4	2202601-05	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-4	2202601-05	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-4	2202601-05	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-4	2202601-05	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2202601-05	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-4	2202601-05	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-4	2202601-05	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-4	2202601-05	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-11-4	2202601-05	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-4	2202601-05	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2202601-05	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2202601-05	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-11-4	2202601-05	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-4	2202601-05	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2202601-05	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2202601-05	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-4	2202601-05	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-4	2202601-05	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2202601-05	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2202601-05	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-11-4	2202601-05	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2202601-05	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-4	2202601-05	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2202601-05	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2202601-05	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2202601-05	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2202601-05	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2202601-05	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2202601-05	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-4	2202601-05	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-4	2202601-05	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-11-4	2202601-05	Trichloroethene	2/10/2022	0.62	Y	y	v		0.50	0.19	ug/L
MW-4-1	2202601-04	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-4-1	2202601-04	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-4-1	2202601-04	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-1	2202601-04	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-4-1	2202601-04	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-4-1	2202601-04	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-4-1	2202601-04	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-4-1	2202601-04	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-1	2202601-04	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-4-1	2202601-04	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-1	2202601-04	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-4-1	2202601-04	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-1	2202601-04	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-1	2202601-04	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-1	2202601-04	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-4-1	2202601-04	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-4-1	2202601-04	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-1	2202601-04	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-4-1	2202601-04	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-1	2202601-04	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-1	2202601-04	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-4-1	2202601-04	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-4-1	2202601-04	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-1	2202601-04	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-1	2202601-04	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-1	2202601-04	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-4-1	2202601-04	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-4-1	2202601-04	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-4-1	2202601-04	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-4-1	2202601-04	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-4-1	2202601-04	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-4-1	2202601-04	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-1	2202601-04	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-1	2202601-04	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-1	2202601-04	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-1	2202601-04	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-1	2202601-04	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-1	2202601-04	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-1	2202601-04	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-1	2202601-04	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-1	2202601-04	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-1	2202601-04	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-1	2202601-04	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-1	2202601-04	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-1	2202601-04	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-1	2202601-04	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-1	2202601-04	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-4-1	2202601-04	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-1	2202601-04	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-4-1	2202601-04	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-1	2202601-04	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-4-1	2202601-04	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-1	2202601-04	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-1	2202601-04	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-1	2202601-04	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-4-1	2202601-04	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-4-1	2202601-04	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-1	2202601-04	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-1	2202601-04	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-1	2202601-04	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-1	2202601-04	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-1	2202601-04	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-2	2202601-03	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-4-2	2202601-03	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-2	2202601-03	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-2	2202601-03	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-4-2	2202601-03	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-2	2202601-03	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2202601-03	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-2	2202601-03	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-2	2202601-03	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-2	2202601-03	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-4-2	2202601-03	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-4-2	2202601-03	Chloroform	2/10/2022	0.74	Y	y	v		0.50	0.14	ug/L
MW-4-2	2202601-03	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-2	2202601-03	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2202601-03	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2202601-03	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-2	2202601-03	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-4-2	2202601-03	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-4-2	2202601-03	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-4-2	2202601-03	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-4-2	2202601-03	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-4-2	2202601-03	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2202601-03	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-4-2	2202601-03	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-4-2	2202601-03	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-4-2	2202601-03	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-4-2	2202601-03	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-4-2	2202601-03	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-2	2202601-03	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2202601-03	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-2	2202601-03	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-4-2	2202601-03	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-4-2	2202601-03	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2202601-03	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-4-2	2202601-03	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-4-2	2202601-03	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-4-2	2202601-03	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-4-2	2202601-03	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-2	2202601-03	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-4-2	2202601-03	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-4-2	2202601-03	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-4-2	2202601-03	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-4-2	2202601-03	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2202601-03	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-2	2202601-03	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-4-2	2202601-03	Trichloroethene	2/10/2022	0.35	Y	y	v j		0.50	0.19	ug/L
MW-4-2	2202601-03	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2202601-03	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2202601-03	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2202601-03	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-2	2202601-03	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2202601-03	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2202601-03	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2202601-03	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-2	2202601-03	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2202601-03	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2202601-03	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2202601-03	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2202601-03	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-2	2202601-03	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-2	2202601-03	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-2	2202601-03	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2202601-03	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2202601-03	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2202601-02	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2202601-02	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-4-3	2202601-02	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-4-3	2202601-02	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2202601-02	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-3	2202601-02	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-3	2202601-02	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-4-3	2202601-02	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-3	2202601-02	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-4-3	2202601-02	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-3	2202601-02	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-3	2202601-02	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-3	2202601-02	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-3	2202601-02	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-4-3	2202601-02	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-4-3	2202601-02	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-4-3	2202601-02	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2202601-02	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-4-3	2202601-02	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-4-3	2202601-02	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-4-3	2202601-02	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-3	2202601-02	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-4-3	2202601-02	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-4-3	2202601-02	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-4-3	2202601-02	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-4-3	2202601-02	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-4-3	2202601-02	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-3	2202601-02	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-4-3	2202601-02	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-4-3	2202601-02	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-4-3	2202601-02	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-3	2202601-02	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2202601-02	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2202601-02	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2202601-02	Trichloroethene	2/10/2022	0.19	Y	y	v j		0.50	0.19	ug/L
MW-4-3	2202601-02	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2202601-02	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-3	2202601-02	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-4-3	2202601-02	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-4-3	2202601-02	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-4-3	2202601-02	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2202601-02	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-3	2202601-02	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-4-3	2202601-02	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-4-3	2202601-02	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-4-3	2202601-02	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2202601-02	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2202601-02	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2202601-02	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2202601-02	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2202601-02	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-3	2202601-02	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2202601-02	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	Methylene chloride	2/10/2022	0.47	Y	y	v j		0.50	0.21	ug/L
MW-4-3	2202601-02	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-3	2202601-02	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-3	2202601-02	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2202601-02	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-4-3	2202601-02	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2202601-02	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2202601-02	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-2-020722	2202601-08	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
SB-2-020722	2202601-08	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-020722	2202601-08	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-020722	2202601-08	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-020722	2202601-08	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
SB-2-020722	2202601-08	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-020722	2202601-08	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-020722	2202601-08	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-020722	2202601-08	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-2-020722	2202601-08	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-020722	2202601-08	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-2-020722	2202601-08	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-2-020722	2202601-08	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
SB-2-020722	2202601-08	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-2-020722	2202601-08	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
SB-2-020722	2202601-08	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-2-020722	2202601-08	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-020722	2202601-08	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-2-020722	2202601-08	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
SB-2-020722	2202601-08	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
SB-2-020722	2202601-08	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-020722	2202601-08	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-2-020722	2202601-08	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
SB-2-020722	2202601-08	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
SB-2-020722	2202601-08	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-2-020722	2202601-08	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
SB-2-020722	2202601-08	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-2-020722	2202601-08	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-2-020722	2202601-08	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-2-020722	2202601-08	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-020722	2202601-08	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
SB-2-020722	2202601-08	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
SB-2-020722	2202601-08	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
SB-2-020722	2202601-08	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
SB-2-020722	2202601-08	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-2-020722	2202601-08	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
SB-2-020722	2202601-08	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
SB-2-020722	2202601-08	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
SB-2-020722	2202601-08	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
SB-2-020722	2202601-08	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
SB-2-020722	2202601-08	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
SB-2-020722	2202601-08	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
SB-2-020722	2202601-08	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
SB-2-020722	2202601-08	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
SB-2-020722	2202601-08	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
SB-2-020722	2202601-08	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-020722	2202601-08	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
SB-2-020722	2202601-08	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-2-020722	2202601-08	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
SB-2-020722	2202601-08	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-020722	2202601-08	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-020722	2202601-08	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-2-020722	2202601-08	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-2-020722	2202601-08	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
SB-2-020722	2202601-08	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-020722	2202601-08	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-020722	2202601-08	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-020722	2202601-08	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-020722	2202601-08	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-020722	2202601-08	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-020722	2202601-08	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
SB-2-020722	2202601-08	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
SB-2-020722	2202601-08	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-020722	2202601-08	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-020722	2202601-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-020722	2202601-08	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
SB-2-020722	2202601-08	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
TB-6-020722	2202601-01	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-6-020722	2202601-01	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
TB-6-020722	2202601-01	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-6-020722	2202601-01	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-6-020722	2202601-01	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-6-020722	2202601-01	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-6-020722	2202601-01	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-6-020722	2202601-01	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-6-020722	2202601-01	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-6-020722	2202601-01	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-020722	2202601-01	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
TB-6-020722	2202601-01	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-6-020722	2202601-01	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-020722	2202601-01	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-6-020722	2202601-01	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-020722	2202601-01	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-020722	2202601-01	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-6-020722	2202601-01	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-6-020722	2202601-01	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-6-020722	2202601-01	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-6-020722	2202601-01	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
TB-6-020722	2202601-01	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-020722	2202601-01	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-6-020722	2202601-01	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-020722	2202601-01	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
TB-6-020722	2202601-01	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
TB-6-020722	2202601-01	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
TB-6-020722	2202601-01	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
TB-6-020722	2202601-01	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-6-020722	2202601-01	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-6-020722	2202601-01	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
TB-6-020722	2202601-01	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
TB-6-020722	2202601-01	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
TB-6-020722	2202601-01	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-6-020722	2202601-01	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
TB-6-020722	2202601-01	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-020722	2202601-01	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
TB-6-020722	2202601-01	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
TB-6-020722	2202601-01	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
TB-6-020722	2202601-01	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-6-020722	2202601-01	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-020722	2202601-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-020722	2202601-01	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-6-020722	2202601-01	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
TB-6-020722	2202601-01	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-6-020722	2202601-01	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-6-020722	2202601-01	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-020722	2202601-01	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-020722	2202601-01	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-020722	2202601-01	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-6-020722	2202601-01	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-6-020722	2202601-01	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-020722	2202601-01	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-020722	2202601-01	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
TB-6-020722	2202601-01	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-020722	2202601-01	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-6-020722	2202601-01	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
TB-6-020722	2202601-01	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2202601

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-6-020722	2202601-01	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
TB-6-020722	2202601-01	Methylene chloride	2/10/2022	0.46	Y	y	v j		0.50	0.21	ug/L

NASA JPL, 1Q2022 - LDC 54230

SDG: 2203252

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-15	2203252-02	Total Recoverable Chromium	2/16/2022	3.5	Y	y	v	J	3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-15	2203252-02	Hexavalent Chromium	2/16/2022	0.00069	Y	y	v		0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-9-021022	2203252-01	trans-1,3-Dichloropropene	2/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-9-021022	2203252-01	Dichlorodifluoromethane	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	1,1-Dichloroethane	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	1,2-Dichloroethane	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	1,1-Dichloroethene	2/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-9-021022	2203252-01	cis-1,2-Dichloroethene	2/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-9-021022	2203252-01	trans-1,2-Dichloroethene	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	1,2-Dichloropropane	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	1,3-Dichloropropane	2/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-9-021022	2203252-01	2,2-Dichloropropane	2/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-9-021022	2203252-01	n-Propylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-9-021022	2203252-01	cis-1,3-Dichloropropene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	1,2-Dichlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-9-021022	2203252-01	Ethylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	Hexachlorobutadiene	2/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-9-021022	2203252-01	Isopropylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	p-Isopropyltoluene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2203252

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-9-021022	2203252-01	Methylene chloride	2/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-9-021022	2203252-01	Methyl t-butyl ether	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	Naphthalene	2/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-9-021022	2203252-01	1,1-Dichloropropene	2/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-9-021022	2203252-01	Chloroethane	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	Bromobenzene	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	Bromochloromethane	2/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-9-021022	2203252-01	Bromodichloromethane	2/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-9-021022	2203252-01	Bromoform	2/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-9-021022	2203252-01	Bromomethane	2/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-9-021022	2203252-01	n-Butylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	sec-Butylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-9-021022	2203252-01	tert-Butylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-9-021022	2203252-01	1,4-Dichlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	Chlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	1,3-Dichlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-9-021022	2203252-01	Chloroform	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	Chloromethane	2/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-9-021022	2203252-01	2-Chlorotoluene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	4-Chlorotoluene	2/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-9-021022	2203252-01	Dibromochloromethane	2/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-9-021022	2203252-01	1,2-Dibromo-3-chloropropane	2/16/2022	1	Y	n	u		1.0	0.89	ug/L
TB-9-021022	2203252-01	1,2-Dibromoethane	2/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-9-021022	2203252-01	Dibromomethane	2/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-9-021022	2203252-01	1,1,2,2-Tetrachloroethane	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2203252

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-9-021022	2203252-01	Carbon tetrachloride	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	Propionitrile	2/16/2022	20	Y	n	u		20	6.2	ug/L
TB-9-021022	2203252-01	Styrene	2/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-9-021022	2203252-01	Ethyl t-butyl ether	2/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-9-021022	2203252-01	Hexachloroethane	2/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-9-021022	2203252-01	2-Hexanone	2/16/2022	10	Y	n	u		10	5.0	ug/L
TB-9-021022	2203252-01	Methacrylonitrile	2/16/2022	10	Y	n	u		10	2.3	ug/L
TB-9-021022	2203252-01	Methyl ethyl ketone	2/16/2022	5	Y	n	u		5.0	3.3	ug/L
TB-9-021022	2203252-01	Methyl iodide	2/16/2022	2	Y	n	u		2.0	1.1	ug/L
TB-9-021022	2203252-01	Methyl isobutyl ketone	2/16/2022	5	Y	n	u		5.0	2.4	ug/L
TB-9-021022	2203252-01	Diethyl ether	2/16/2022	2	Y	n	u		2.0	0.33	ug/L
TB-9-021022	2203252-01	Pentachloroethane	2/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-9-021022	2203252-01	trans-1,4-Dichloro-2-butene	2/16/2022	5	Y	n	u		5.0	1.8	ug/L
TB-9-021022	2203252-01	Tetrahydrofuran	2/16/2022	20	Y	n	u		20	5.2	ug/L
TB-9-021022	2203252-01	p- & m-Xylenes	2/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-9-021022	2203252-01	o-Xylene	2/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-9-021022	2203252-01	Chloroacetonitrile	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	1-Chlorobutane	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	1,1-Dichloropropanone	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	Methyl acrylate	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	Nitrobenzene	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	2-Nitropropane	2/16/2022	0	Y	y	v				ug/L
TB-9-021022	2203252-01	Methyl methacrylate	2/16/2022	5	Y	n	u		5.0	1.2	ug/L
TB-9-021022	2203252-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-9-021022	2203252-01	1,1,1,2-Tetrachloroethane	2/16/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2203252

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-9-021022	2203252-01	Tetrachloroethene	2/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-9-021022	2203252-01	Toluene	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	1,2,3-Trichlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-9-021022	2203252-01	1,2,4-Trichlorobenzene	2/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-9-021022	2203252-01	1,1,1-Trichloroethane	2/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-9-021022	2203252-01	1,1,2-Trichloroethane	2/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-9-021022	2203252-01	Trichloroethene	2/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-9-021022	2203252-01	Ethyl methacrylate	2/16/2022	4	Y	n	u		4.0	1.3	ug/L
TB-9-021022	2203252-01	1,2,3-Trichloropropane	2/16/2022	1	Y	n	u		1.0	0.78	ug/L
TB-9-021022	2203252-01	Benzene	2/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-9-021022	2203252-01	1,2,4-Trimethylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-9-021022	2203252-01	1,3,5-Trimethylbenzene	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-9-021022	2203252-01	Vinyl chloride	2/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-9-021022	2203252-01	Acetone	2/16/2022	10	Y	n	u		10	6.6	ug/L
TB-9-021022	2203252-01	Acrylonitrile	2/16/2022	5	Y	n	u		5.0	1.5	ug/L
TB-9-021022	2203252-01	Allyl chloride	2/16/2022	5	Y	n	u		5.0	0.47	ug/L
TB-9-021022	2203252-01	t-Amyl Methyl ether	2/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-9-021022	2203252-01	t-Butyl alcohol	2/16/2022	2	Y	n	u		2.0	2.0	ug/L
TB-9-021022	2203252-01	Carbon disulfide	2/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-9-021022	2203252-01	Trichlorofluoromethane	2/16/2022	0.5	Y	n	u		0.50	0.14	ug/L

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Tidewater, Inc.
3761 Attucks Drive
Powell, OH 43065
ATTN: Mr. David Conner
David.Conner@tideh2o.net

August 8, 2022

SUBJECT: NASA JPL, 1Q2022 - Data Validation

Dear Mr. Conner,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on June 13, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #54407:

SDG #	Fraction
2201950	Volatiles, Chromium, Hexavalent Chromium
2202145	
2202498	
2202850	
2203057	

The data validation was performed under Level III & IV guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017)
- USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017)

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

474 pages-ADV

Attachment 1

90/10 III/IV (client select) EDD

LDC# 54407 (Tidewater - Powell, OH / NASA JPL, 1Q2022)

LDC	SDG#	DATE REC'D	(3) DATE DUE	VOA (524.2)		Cr (200.8)		Cr(VI) (218.6)																													
Matrix:	Water/Soil			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	2201950	06/13/22	07/05/22	8	0	7	0	7	0																												
B	2202145	06/13/22	07/05/22	12	0	5	0	5	0																												
B	2202145	06/13/22	07/05/22	1	0	1	0	1	0																												
C	2202498	06/13/22	07/05/22	7	0	4	0	4	0																												
D	2202850	06/13/22	07/05/22	9	0	9	0	9	0																												
E	2203057	06/13/22	07/05/22	7	0	6	0	6	0																												
Total	T/PG			44	0	32	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108

Shaded cells indicate Level IV validation (all other cells are Level III validation). These sample counts do not include MS/MSD, and DUPs

V:\LOGIN\Tidewater\NASA JPL\54407ST.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 28, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2201950

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-1-013122	2201950-01	Water	01/31/22
MW-20-5-013122	2201950-02	Water	01/31/22
MW-20-4-013122	2201950-03	Water	01/31/22
MW-20-3-013122	2201950-04	Water	01/31/22
MW-20-2-013122	2201950-05	Water	01/31/22
DUP-1-013122	2201950-06	Water	01/31/22
SB-1-013122	2201950-07	Water	01/31/22
EB-1-013122	2201950-08	Water	01/31/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/03/22	Methyl iodide	65.1	All samples in SDG 2201950	UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-1-013122 was identified as a trip blank. No contaminants were found.

Sample EB-1-013122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 was identified as a source blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-20-2-013122 and DUP-1-013122 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-20-2-013122	DUP-1-013122	
Chloroform	0.58	0.60	3
Tetrachloroethene	0.52	0.35	39
Trichloroethene	0.60	0.47	24

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

Raw data were not reviewed for Level III validation.

XIV. System Performance

Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in eight samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2201950

Sample	Analyte	Flag	A or P	Reason
TB-1-013122 MW-20-5-013122 MW-20-4-013122 MW-20-3-013122 MW-20-2-013122 DUP-1-013122 SB-1-013122 EB-1-013122	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2201950

No Sample Data Qualified in this SDG

LDC #: 54407A1a **VALIDATION COMPLETENESS WORKSHEET** Date: 7/25/22
SDG #: 2201950 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: EF
2nd Reviewer: EF

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	o/o RSD ≤ 20, r² ICV ≤ 30
IV.	Continuing calibration	SW	CCV ≤ 30
V.	Laboratory Blanks	A	TB=1 SB=7 EB=8
VI.	Field blanks	ND	↓
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	MS
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	SW	D=5,6
XI.	Internal standards	A	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	TB-1-013122	2201950-01	Water	01/31/22
2	MW-20-5-013122	2201950-02	Water	01/31/22
3	MW-20-4-013122	2201950-03	Water	01/31/22
4	MW-20-3-013122	2201950-04	Water	01/31/22
5	MW-20-2-013122	2201950-05	Water	01/31/22
6	DUP-1-013122	2201950-06	Water	01/31/22
7	SB-1-013122	2201950-07	Water	01/31/22
8	EB-1-013122	2201950-08	Water	01/31/22
9				

Notes:

	B130891						

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54407A1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y (N) N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y (N) N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y (N) N/A Were all %D and RRFs within the validation criteria of ≤~~20.0~~ %D and ≥0.05 RRF ? 30%

#	Date	Standard ID	Compound	Finding %D (Limit: ~~≤20.0%~~ 30%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	2/3/22 1434	CCV2	Methyl Iodide	65.1 (≤ 30%)		All	J/UJ/P ND

LDC #: 54407A1a

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GC (EPA Method 5242

Y N N/A Were field duplicate pairs identified in this SDG?
Y N N/A Were target compounds detected in the field duplicate pairs?

Compound	Concentration (ug/L)		RPD (≤ %)	QUAL
	5	6		
K	~~0.10~~ 0.58	0.60	3	
AA	~~0.24~~ 0.52	0.35	39	
S	0.60	0.47	24	

Compound	Concentration ( )		RPD (≤ %)	QUAL

Compound	Concentration ( )		RPD (≤ %)	QUAL

Compound	Concentration ( )		RPD (≤ %)	QUAL

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2201950

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-20-5-013122	2201950-02	Water	01/31/22
MW-20-4-013122	2201950-03	Water	01/31/22
MW-20-3-013122	2201950-04	Water	01/31/22
MW-20-2-013122	2201950-05	Water	01/31/22
DUP-1-013122	2201950-06	Water	01/31/22
SB-1-013122	2201950-07	Water	01/31/22
EB-1-013122	2201950-08	Water	01/31/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-1-013122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 was identified as a source blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

IX. Serial Dilution

Serial dilution was not performed for this SDG.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples MW-20-2-013122 and DUP-1-013122 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-20-2-013122	DUP-1-013122	
Chromium	1.1	0.50U	Not calculable

XII. Internal Standards (ICP-MS)

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2201950

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2201950

No Sample Data Qualified in this SDG

LDC #: 54407A4a **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2201950 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	Not Required
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	SB=6, EB=7
VII.	Matrix Spike/Matrix Spike Duplicates	N	
VIII.	Duplicate sample analysis	N	
IX.	Serial Dilution	N	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(4,5)
XII.	Internal Standard (ICP-MS)	N	
XIII.	Target Analyte Quantitation	N	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-20-5-013122	2201950-02	Water	01/31/22
2	MW-20-4-013122	2201950-03	Water	01/31/22
3	MW-20-3-013122	2201950-04	Water	01/31/22
4	MW-20-2-013122	2201950-05	Water	01/31/22
5	DUP-1-~~013122~~ 10.22	2201950-06	Water	01/31/22
6	SB-1-013122	2201950-07	Water	01/31/22
7	EB-1-013122	2201950-08	Water	01/31/22
8				
9				
10				
11				
12				
13				
14				

Notes:

Field Duplicates

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	4	5		
Chromium	1.1	0.50 U	NC	

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2201950

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-20-5-013122	2201950-02	Water	01/31/22
MW-20-4-013122	2201950-03	Water	01/31/22
MW-20-3-013122	2201950-04	Water	01/31/22
MW-20-2-013122	2201950-05	Water	01/31/22
DUP-1-013122	2201950-06	Water	01/31/22
SB-1-013122	2201950-07	Water	01/31/22
EB-1-013122	2201950-08	Water	01/31/22
MW-20-5-013122MS	2201950-02MS	Water	01/31/22
MW-20-5-013122MSD	2201950-02MSD	Water	01/31/22
MW-20-5-013122DUP	2201950-02DUP	Water	01/31/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Flag	A or P
MW-20-4-013122	Hexavalent chromium	71 hours	24 hours	J (all detects)	P
MW-20-2-013122	Hexavalent chromium	73 hours	24 hours	J (all detects)	P

II. Initial Calibration

All criteria for the initial calibration were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

V. Field Blanks

Sample EB-1-013122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 was identified as a source blank. No contaminants were found.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples MW-20-2-013122 and DUP-1-013122 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-20-2-013122	DUP-1-013122	
Hexavalent chromium	0.000053	0.000081	42

X Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to technical holding time, data were qualified as estimated in two samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2201950

Sample	Analyte	Flag	A or P	Reason
MW-20-4-013122 MW-20-2-013122	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2201950

No Sample Data Qualified in this SDG

LDC #: 54407A6 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2201950 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer: CT

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / SW	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	~~A SW~~	A
V	Field blanks	SW	SB=16, EB=7.
VI.	Matrix Spike/Matrix Spike Duplicates	A	MS/MSD
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(4,5)
X.	Target Analyte Quantitation	N	
XI	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-20-5-013122	2201950-02	Water	01/31/22
2	MW-20-4-013122	2201950-03	Water	01/31/22
3	MW-20-3-013122	2201950-04	Water	01/31/22
4	MW-20-2-013122	2201950-05	Water	01/31/22
5	DUP-1-~~013122~~ 1622	2201950-06	Water	01/31/22
6	SB-1-013122	2201950-07	Water	01/31/22
7	EB-1-013122	2201950-08	Water	01/31/22
8	MW-20-5-013122MS	2201950-02MS	Water	01/31/22
9	MW-20-5-013122MSD	2201950-02MSD	Water	01/31/22
10	MW-20-5-013122DUP	2201950-02DUP	Water	01/31/22
11				
12				
13				
14				
15				

Notes:

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the requried holding time with the following exceptions:

		Method: 218.6 Analyte: Hexavalent Chromium Holding Time: 24 Hours			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis**	**Qualifier**	**Det/ND**
2	1/31/2022 12:45	2/3/2022 12:16	71	J/R/P	Det
4	1/31/2022 11:30	2/3/2022 12:35	73	J/R/P	Det

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	4	5		
Hexavalent Chromium	0.000053	0.000081	42	

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 28, 2022

Parameters: Volatiles

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202145

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-2-020122	2202145-01	Water	02/01/22
MW-25-5-020122	2202145-02	Water	02/01/22
MW-25-4-020122	2202145-03	Water	02/01/22
MW-25-3-020122	2202145-04	Water	02/01/22
MW-25-2-020122**	2202145-05**	Water	02/01/22
MW-25-1-020122	2202145-06	Water	02/01/22
EB-2-020122	2202145-07	Water	02/01/22
MW-19-5-020122	2202145-08	Water	02/01/22
MW-19-4-020122	2202145-09	Water	02/01/22
MW-19-3-020122	2202145-10	Water	02/01/22
DUP-2-020122	2202145-11	Water	02/01/22
MW-19-2-020122	2202145-12	Water	02/01/22
MW-19-1-020122	2202145-13	Water	02/01/22
MW-25-2-020122MS	2202145-05MS	Water	02/01/22
MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/03/22	Methyl iodide	65.1	TB-2-020122 MW-25-5-020122 MW-25-4-020122 MW-25-3-020122 MW-25-2-020122** MW-25-1-020122 EB-2-020122 MW-19-5-020122 MW-19-4-020122	UJ (all non-detects)	P
02/04/22 (0200)	Bromomethane	50.4	MW-19-3-020122 DUP-2-020122 MW-19-2-020122 MW-19-1-020122	UJ (all non-detects)	P

Date	Analyte	%D	Associated Samples	Flag	A or P
02/04/22 (0225)	Methyl iodide Pentachloroethane	44.8 91.8	MW-19-3-020122 DUP-2-020122 MW-19-2-020122 MW-19-1-020122	UJ (all non-detects) UJ (all non-detects)	P

All of the continuing calibration relative response factors (RRF) were within validation criteria.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-2-020122 was identified as a trip blank. No contaminants were found.

Sample EB-2-020122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 (from SDG 2201950) was identified as a source blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-19-3-020122 and DUP-2-020122 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-19-3-020122	DUP-2-020122	
Chloroform	3.3	3.3	0
1,1-Dichloroethane	0.24	0.24	0
cis-1,2-Dichloroethene	0.42	0.38	10
Tetrachloroethene	2.9	3.0	3
Trichloroethene	0.97	1.0	3

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

All analyte quantitations met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in thirteen samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202145

Sample	Analyte	Flag	A or P	Reason
TB-2-020122 MW-25-5-020122 MW-25-4-020122 MW-25-3-020122 MW-25-2-020122** MW-25-1-020122 EB-2-020122 MW-19-5-020122 MW-19-4-020122	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)
MW-19-3-020122 DUP-2-020122 MW-19-2-020122 MW-19-1-020122	Bromomethane	UJ (all non-detects)	P	Continuing calibration (%D)
MW-19-3-020122 DUP-2-020122 MW-19-2-020122 MW-19-1-020122	Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202145

No Sample Data Qualified in this SDG

LDC #: 54407B1a

SDG #: 2202145

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III/IV

Date: 7/25/22

Page: 1 of 4

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A /A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	%RSD ≤ 20, r 2 ICV ≤ 30.
IV.	Continuing calibration	SW	CCV ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1 EB=7 SB = SB-1-013122 (2201950)
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	SW	D = 10, 11
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	Not reviewed for Level III validation
XIII.	Target analyte identification	A	Not reviewed for Level III validation
XIV.	System performance	A	Not reviewed for Level III validation
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	TB-2-020122	2202145-01	Water	02/01/22
2	MW-25-5-020122	2202145-02	Water	02/01/22
3	MW-25-4-020122	2202145-03	Water	02/01/22
4	MW-25-3-020122	2202145-04	Water	02/01/22
5	MW-25-2-020122**	2202145-05**	Water	02/01/22
6	MW-25-1-020122	2202145-06	Water	02/01/22
7	EB-2-020122	2202145-07	Water	02/01/22
8	MW-19-5-020122	2202145-08	Water	02/01/22
9	MW-19-4-020122	2202145-09	Water	02/01/22
10	MW-19-3-020122 D	2202145-10	Water	02/01/22
11	DUP-2-020122 D	2202145-11	Water	02/01/22
12	MW-19-2-020122	2202145-12	Water	02/01/22
13	MW-19-1-020122	2202145-13	Water	02/01/22
14	MW-25-2-020122MS	2202145-05MS	Water	02/01/22

LDC #: 54407B1a **VALIDATION COMPLETENESS WORKSHEET** Date: 7/25/22
SDG #: 2202145 Level III/IV Page: 2 of 2
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: FT
2nd Reviewer:

METHOD: GC/MS Volatiles (EPA Method 524.2)

	Client ID	Lab ID	Matrix	Date
15	MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22
16				
17				
18				

Notes:

1	~~B131890 - BK1~~		FT				
1	B130891						
2	B130892						

LDC #: 54407B1a

VALIDATION FINDINGS CHECKLIST

Reviewer: RT

Method: Volatiles (EPA Method 524.2)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Was a tune check performed prior to establishing and/or re-establishing an initial calibration?	✓			
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
III. Initial calibration				
Did the laboratory perform at least 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
IIIa. Initial calibration verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at the beginning of each analysis batch?	✓			
Were all percent differences (%D) of continuing calibration ≤ 30%?		✓		
V.Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed with each analysis batch?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?	✓			
Were target compounds detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate %R within the QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) within 70-130%?	✓			

X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target compounds detected in the field duplicates?	✓			
XI. Internal standards				
Were internal standard area counts within +/-30% of the area of the most recent continuing calibration standard and +/-50% of the average peak area in the initial calibration?	✓			
Were retention times within +/-30 seconds of the associated calibration standard?	✓			
XII. Target Analytes quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) or regression equations used to quantitate the compound?	✓			
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	NA		✓	
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data	✓			
Overall assessment of data was found to be acceptable.				

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54407B1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤~~20~~ %D and ≥0.05 RRF ? 30%

#	Date	Standard ID	Compound	Finding %D (Limit: ~~≤20.0%~~) 30	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	2/3/22 1410 1434	CCV2	Methyl Iodide	65.1 (≤30%)		1 → 9, 14, 15 B130891-MB	J/UJ/P ND
	2/4/22 0200	CCV4	B	50.4		10 → 13 B130892-MB	J/UJ/P ND
	2/4/22 0225	CCV5	Methyl Iodide 44.8 Pentachloroethane 91.8			↓	J/UJ/P ND ↓

CONCAL.wpd

LDC #: 54407B1a

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: ___ GC __ HPLC GCMS 524.2

Y N N/A Were field duplicate pairs identified in this SDG?

Y N N/A Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		%RPD Limit (≤ ___ %)	Qualification (Parent only)
	10	11		
K	3.3	3.3	0	
I	0.24	0.24	0	
BBB	0.42	0.38	10	
AA	2.9	3.0	3	
S	0.97	1.0	3	

Compound	Concentration ( )		%RPD Limit (≤ ___ %)	Qualification (Parent only)

Compound	Concentration ( )		%RPD Limit (≤ ___ %))	Qualification (Parent only)

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GCMS 524.2

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:
Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 10 std)	Recalculated (RRF 10 std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL MSV5	1/31/2022	K	0.7186842	0.7186842	0.6944007	0.6944007	2.55170	2.55170
			CC	0.8159879	0.8159879	0.7821433	0.7821433	3.91796	3.91796
			BB	0.5311795	0.5311795	0.5164395	0.5164395	3.91975	3.91975

LDC #: 54407B1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

METHOD: GC/MS VOA (EPA Method 524.2)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference internal Standard)	Average RRF (initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	CCV1	2/3/17 1410	K (1st internal standard)	0.6944007	0.7224239	0.7224	4.0	4.0
			CC (2nd internal standard)	0.7821438	0.7990493	0.7990	2.2	2.2
			BB (3rd internal standard)	0.5164395	0.5054058	0.5054	2.1	2.1
			(4th internal standard)					
2			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
3			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					
4			(1st internal standard)					
			(2nd internal standard)					
			(3rd internal standard)					
			(4th internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54407B/a

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method 524.2)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: #5

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4	10.0	9.62	96.2	962	0
Toluene-d8	↓	10.040	100	100	↓
Bromofluorobenzene		9.7900	97.9	97.9	

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane					
1,2-Dichloroethane-d4					
Toluene-d8					
Bromofluorobenzene					

LDC #: 54407B/2

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method 524.2)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA Where: SSC = Spiked sample concentration; SA = Spike added; SC = Sample concentration

RPD = I MSC - MSC I * 2/(MSC + MSDC) MSC = Matrix spike concentration MSDC = Matrix spike duplicate concentration

MS/MSD sample: 14 & 15

Compound	Spike Added (ug/L)		Sample Concentration (ug/L)	Spiked Sample Concentration (ug/L)		Matrix Spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD	------	MS	MSD	Reported	Recalc	Reported	Recalc	Reported	Recalculated
V	25.0	25.0	ND	23.650	27.770	94.6	94.6	95.1	95.1	0.506	0.506
P				23.870	23.380	95.5	95.5	93.5	93.5	2.07	2.07
DD				22.590	22.770	90.4	90.4	91.1	91.1	0.794	0.794
D				24.060	23.320	96.2	96.2	93.3	93.3	3.12	3.12
HHH				23.580	22.930	94.3	94.3	91.7	91.7	2.80	2.80

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 54407B1a

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method 524.2)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA Where: SSC = Spiked sample concentration; SA = Spike added

RPD = I LCSC - LCSDC I * 2/(LCSC + LCSDC) LCSC = Laboraotry control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: B130891-LCS

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
Y	25.0	NA	23.970	NA	95.9	95.9				
P			23.980		95.9	95.9				
PP			22.920		91.7	91.7				
D			24.390		97.6	97.6				
HH		↓	22.780	↓	91.1	91.1	NA			

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 34407B1a

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: KR

METHOD: GC MS 524.2

Y N N/A Were all reported results recalculated and verified for all level IV samples?
Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(V_t)(DF)(2.0)}{(A_{is})(RRF)(V_o)(V_i)(\%S)}$

A_x	=	Area of the characteristic ion (EICP) for the compound to be measured
A_{is}	=	Area of the characteristic ion (EICP) for the specific internal standard
I_s	=	Amount of internal standard added in nanograms (ng)
V_o	=	Volume or weight of sample extract in milliliters (ml) or grams (g).
V_i	=	Volume of extract injected in microliters (ul)
V_t	=	Volume of the concentrated extract in microliters (ul)
Df	=	Dilution Factor.
%S	=	Percent solids, applicable to soil and solid matrices only.
2.0	=	Factor of 2 to account for GPC cleanup

Example:

Sample I.D. #5 , K

Conc. = $\frac{(3407)(10.0)}{(299595)(0.6944007)}$

= 0.1637 ug/L

#	Sample ID	Compound	Reported Concentration (ug/L)	Calculated Concentration (ug/L)	Qualification
	#5	K	0.16	0.1637	

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202145

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-25-5-020122	2202145-02	Water	02/01/22
MW-25-4-020122	2202145-03	Water	02/01/22
MW-25-3-020122	2202145-04	Water	02/01/22
MW-25-2-020122**	2202145-05**	Water	02/01/22
MW-25-1-020122	2202145-06	Water	02/01/22
EB-2-020122	2202145-07	Water	02/01/22
MW-25-2-020122MS	2202145-05MS	Water	02/01/22
MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22
MW-25-2-020122DUP	2202145-05DUP	Water	02/01/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-2-020122 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VIII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

IX. Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

No field duplicates were identified in this SDG.

XII. Internal Standards (ICP-MS)

All internal standard percent recoveries (%R) were within QC limits for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202145

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202145

No Sample Data Qualified in this SDG

LDC #: 54407B4a **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2202145 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	Not Required.
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB=6
VII.	Matrix Spike/Matrix Spike Duplicates	A	MS/MSD
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	N	
XII.	Internal Standard (ICP-MS)	A	
XIII.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank
**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-25-5-020122	2202145-02	Water	02/01/22
2	MW-25-4-020122	2202145-03	Water	02/01/22
3	MW-25-3-020122	2202145-04	Water	02/01/22
4	MW-25-2-020122**	2202145-05**	Water	02/01/22
5	MW-25-1-020122	2202145-06	Water	02/01/22
6	EB-2-020122	2202145-07	Water	02/01/22
7	MW-25-2-020122MS	2202145-05MS	Water	02/01/22
8	MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22
9	MW-25-2-020122DUP	2202145-05DUP	Water	02/01/22
10				
11				
12				
13				
14				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	Yes			
Were all water samples preserved to a pH of <2.	Yes			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	Yes			
Were %RSDs of isoptoes in the tuning solution ≤5%?	Yes			
III. Calibration				
Were all instuments calibrated daily?	Yes			
Were the proper standards used?	Yes			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	Yes			
Were the low level standard checks within 70-130%?	Yes			
Were all initial calibration correlation coefficients within limits as specifed by the method?	Yes			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	Yes			
Was there contamination in the method blanks?		No		
Was there contamination in the initial and continuing calibration blanks?	Yes			
V. Interference Check Sample				
Were the interference check samples performed daily?			NA	
Were the AB solution recoveries within 80-120%?			NA	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries with the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	Yes			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	Yes			
VII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	Yes			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	Yes			

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	Yes			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
IX. Serial Dilution				
Were all percent differences <10%?	Yes			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Sample Result Verification				
Were all reporting limits adjusted to reflect sample dilutions?	Yes			
Were all soil samples dry weight corrected?			NA	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	Yes			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?			NA	
Were target analytes detected in the field duplicates?			NA	
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?		No		

VALIDATION FINDINGS CHECKLIST
Calibration Calculation Verification

Reviewer: Jada Morales

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample (ICSAB) percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis
True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalcuated %R	Reported %R	Acceptable (Y/N)
ICV	ICP						
CCV	ICP						
LLCC	ICP						
ICSAB	ICP						
ICV	ICP-MS	Cr	49.105	50	98.21	98.2	Y
CCV	ICP-MS	Cr	39.607	40	99.0175	99	Y
LLCC	ICP-MS	Cr	3.113	3	103.7666667	104	Y
ICSAB	ICP-MS						
ICV	CVAA						
CCV	CVAA						

ICP-MS Tune	QC Parameter	Mass	Actual	Required
2/7/2022	Mass Axis	9	8.975	± 0.1 amu
2/7/2022	%RSD	24	0.9	≤ 5%

Quality Control Sample Recalculations

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalcuated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
B131048-BS1	LCS	Cr	42.774	40	106.935	107	Y
7	MS	Cr	39.084	40	97.71	97.7	Y
9	Duplicate	Cr	2.447	1.988	20.69898534	20.7	Y
7PDS	PDS	Cr	40.8438	40	102.1095	102	Y
7SD	Serial dilution	Cr	2.625	1.988	32.04225352	32	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: Jada Morales

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (ppb)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalcuated Result (ug/L)	Acceptable (Y/N)
3	Cr	1.988	1	50	50	2.0	1.988	Y

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III & IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202145

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-25-5-020122	2202145-02	Water	02/01/22
MW-25-4-020122	2202145-03	Water	02/01/22
MW-25-3-020122	2202145-04	Water	02/01/22
MW-25-2-020122**	2202145-05**	Water	02/01/22
MW-25-1-020122	2202145-06	Water	02/01/22
EB-2-020122	2202145-07	Water	02/01/22
MW-25-2-020122MS	2202145-05MS	Water	02/01/22
MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22
MW-25-2-020122DUP	2202145-05DUP	Water	02/01/22

**Indicates sample underwent Level IV validation

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results. Samples appended with a double asterisk on the cover page were subjected to Level IV data validation, which is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Flag	A or P
MW-25-5-020122 MW-25-4-020122	Hexavalent chromium	53 hours	24 hours	J (all detects)	P
MW-25-3-020122	Hexavalent chromium	52 hours	24 hours	J (all detects)	P
MW-25-2-020122**	Hexavalent chromium	50 hours	24 hours	J (all detects)	P
MW-25-1-020122	Hexavalent chromium	51 hours	24 hours	J (all detects)	P
EB-2-020122	Hexavalent chromium	48 hours	24 hours	J (all detects)	P

II. Initial Calibration

All criteria for the initial calibration were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Hexavalent chromium	0.000031 mg/L	MW-25-5-020122 MW-25-4-020122 MW-25-3-020122 MW-25-2-020122** MW-25-1-020122 EB-2-020122
ICB/CCB	Hexavalent chromium	0.024 ug/L	MW-25-2-020122**
ICB/CCB	Hexavalent chromium	0.065 ug/L	MW-25-5-020122 MW-25-4-020122 MW-25-3-020122 MW-25-1-020122 EB-2-020122

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
EB-2-020122	Hexavalent chromium	0.000066 mg/L	0.000066U mg/L
MW-25-5-020122	Hexavalent chromium	0.00022 mg/L	0.00022U mg/L
MW-25-4-020122	Hexavalent chromium	0.00025 mg/L	0.00025U mg/L
MW-25-1-020122	Hexavalent chromium	0.00017 mg/L	0.00017U mg/L

V. Field Blanks

Sample EB-2-020122 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-2-020122	Hexavalent chromium	0.000066 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X Target Analyte Quantitation

All target analyte quantitations were acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to technical holding time, data were qualified as estimated in six samples.

Due to laboratory blank contamination, data were qualified as not detected in four samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2202145

Sample	Analyte	Flag	A or P	Reason
MW-25-5-020122 MW-25-4-020122 MW-25-3-020122 MW-25-2-020122** MW-25-1-020122 EB-2-020122	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2202145

Sample	Analyte	Modified Final Concentration	A or P
EB-2-020122	Hexavalent chromium	0.000066U mg/L	A
MW-25-5-020122	Hexavalent chromium	0.00022U mg/L	A
MW-25-4-020122	Hexavalent chromium	0.00025U mg/L	A
MW-25-1-020122	Hexavalent chromium	0.00017U mg/L	A

LDC #: 54407B6 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2202145 Level III/IV Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: [signature]
2nd Reviewer:

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A SW	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB=6
VI.	Matrix Spike/Matrix Spike Duplicates	A	MS/MSD
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Target Analyte Quantitation	A	Not reviewed for Level III validation
XI	Overall assessment of data	A	

Note: A = Acceptable ND = No compounds detected D = Duplicate SB=Source blank
N = Not provided/applicable R = Rinsate TB = Trip blank OTHER:
SW = See worksheet FB = Field blank EB = Equipment blank
**Indicates sample underwent Level IV validation

	Client ID	Lab ID	Matrix	Date
1	MW-25-5-020122	2202145-02	Water	02/01/22
2	MW-25-4-020122	2202145-03	Water	02/01/22
3	MW-25-3-020122	2202145-04	Water	02/01/22
4	MW-25-2-020122**	2202145-05**	Water	02/01/22
5	MW-25-1-020122	2202145-06	Water	02/01/22
6	EB-2-020122	2202145-07	Water	02/01/22
7	MW-25-2-020122MS	2202145-05MS	Water	02/01/22
8	MW-25-2-020122MSD	2202145-05MSD	Water	02/01/22
9	MW-25-2-020122DUP	2202145-05DUP	Water	02/01/22
10				
11				
12				
13				
14				
15				

Notes:

METHOD: Inorganics				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?		No		
II. Calibration				
Were all instruments calibrated at the required frequency?	Yes			
Were the proper number of standards used?	Yes			
Were all initial and continuing calibration verifications within the QC limits?	Yes			
Were all initial calibration correlation coefficients within limits as specifed by the method?	Yes			
Were balance checks performed as required?			NA	
III. Blanks				
Was a method blank associated with every sample in this SDG?	Yes			
Was there contamination in the method blanks?	Yes			
Was there contamination in the initial and continuing calibration blanks?	Yes			
IV. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	Yes			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	Yes			
V. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	Yes			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	Yes			
X. Sample Result Verification				
Were all reporting limits adjusted to reflect sample dilutions?	Yes			
Were all soil samples dry weight corrected?			NA	

XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	Yes			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?			NA	
Were target analytes detected in the field duplicates?			NA	
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?	Yes			

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-6

				Sample Identification							
Analyte	**PB (mg/L)**	**Maximum ICB/CCB (units)**	**Action Level**	6							
Cr(VI)	0.000031		0.000155	0.000066 U							

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 4

				Sample Identification							
Analyte	**PB (units)**	**Maximum ICB/CCB (ug/L)**	**Action Level**	No Qual							
Cr(VI)		0.024	0.12								

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-3,5-6

				Sample Identification							
Analyte	**PB (units)**	**Maximum ICB/CCB (ug/L)**	**Action Level**	1	2	5	6				
Cr(VI)		0.065	0.325	0.00022 U	0.00025 U	0.00017 U	0.000066 U				

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is establised at 5X the highest ICB, CCB, or PB concentration.

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the requried holding time with the following exceptions:

		Method: 218.6 Analyte: Hexavalnet Chromium Holding Time: 24 Hours			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis**	**Qualifier**	**Det/ND**
1	2/1/2022 9:00	2/3/2022 14:40	53	J/R/P	Det
2	2/1/2022 9:45	2/3/2022 14:49	53	J/R/P	Det
3	2/1/2022 10:15	2/3/2022 14:59	52	J/R/P	Det
4	2/1/2022 10:45	2/3/2022 13:13	50	J/R/P	Det
5	2/1/2022 11:30	2/3/2022 15:09	51	J/R/P	Det
6	2/1/2022 14:30	2/3/2022 15:18	48	J/UJ/P	Det

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: Jada Morales

METHOD: Inorganics

Blank units: mg/L
Associated sample units:
Sampling Date: 2/1/2022
Associated Samples: ~~1-5~~

			Sample Identification									
Analyte	Blank ID	Action Level	~~1~~	~~2~~	~~5~~							
	6											
Cr(VI)	0.000066	0.00033	~~0.000221U~~	0.000251U	0.000171U							

Comments: The action level, when applicable, is establised at 5X the highest concentration.

METHOD: Inorganics

The correlation coefficient (r) for the calibration of Cr(VI) were recalculated.
Calibration date:
An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis of the ICV or CCV solution
True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Cr(VI)	s1	0.018	0.002	1.00000	0.99999	Y
		s2	0.196	0.025			
		s3	2.03	0.255			
		s4	9.947	1.248			
		s5	24.939	3.13			
		s6	50.088	6.286			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Calibration verification	Cr(VI)	25.163	25		100.652	101	Y
Calibration verification	Cr(VI)	25.241	25		100.964	101	Y
Calibration verification	Cr(VI)	25.323	25		101.292	101	Y

Quality Control Sample Recalculations

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
B130867-BS1	LCS	Cr(VI)	0.020265	0.02	101.325	101	Y
7	MS	Cr(VI)	0.020583	0.020202	101.8859519	102	Y
9	Duplicate	Cr(VI)	0.001684	0.001693	0.533017471	0.533	Y

Sample Calculation Verification

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (ppb)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
4	Cr(VI)	0.001697211	1	20	20	0.0017	0.001697211	Y

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 5, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202498

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-5-020422	2202498-01	Water	02/04/22
MW-14-5-020422	2202498-02	Water	02/04/22
MW-14-4-020422	2202498-03	Water	02/04/22
MW-14-3-020422	2202498-04	Water	02/04/22
MW-14-2-020422	2202498-05	Water	02/04/22
MW-26-2-020422	2202498-06	Water	02/04/22
EB-5-020422	2202498-07	Water	02/04/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/10/22 (0943)	Bromomethane Chloromethane	62.3 33.3	All samples in SDG 2202498	UJ (all non-detects)	P
02/10/22 (1008)	Methyl iodide	66.7	All samples in SDG 2202498	UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-5-020422 was identified as a trip blank. No contaminants were found.

Sample EB-5-020422 was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 (from SDG 2201950) was identified as a source blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

No field duplicates were identified in this SDG.

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

All analyte quantitations met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XIV. System Performance

The system performance was acceptable for samples which underwent Level IV validation. Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in seven samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202498

Sample	Analyte	Flag	A or P	Reason
TB-5-020422 MW-14-5-020422 MW-14-4-020422 MW-14-3-020422 MW-14-2-020422 MW-26-2-020422 EB-5-020422	Bromomethane Chloromethane	UJ (all non-detects)	P	Continuing calibration (%D)
TB-5-020422 MW-14-5-020422 MW-14-4-020422 MW-14-3-020422 MW-14-2-020422 MW-26-2-020422 EB-5-020422	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202498

No Sample Data Qualified in this SDG

LDC #: 54407C1a **VALIDATION COMPLETENESS WORKSHEET** Date: 7/2/22
SDG #: 2202498 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JY
2nd Reviewer: CH

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD≤ 20% ICV≤ 30%
IV.	Continuing calibration	SW	CCV≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB= 1 EB= 7 SB= SB-1-013122 (2201950)
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	(>
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	N	
XI.	Internal standards	A	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	TB-5-020422	2202498-01	Water	02/04/22
2	MW-14-020422 -5-	2202498-02	Water	02/04/22
3	MW-14-020422 -4-	2202498-03	Water	02/04/22
4	MW-14-020422 -3-	2202498-04	Water	02/04/22
5	MW-14-020422 -2-D	2202498-05	Water	02/04/22
6	MW-26-020422 -2-	2202498-06	Water	02/04/22
7	EB-5-020422	2202498-07	Water	02/04/22
8				
9				

Notes:

	B131502						

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54407C/a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y N N/A Were all %D and RRFs within the validation criteria of ~~≤20%~~ %D and ≥0.05 RRF ? 30%

#	Date	Standard ID	Compound	Finding %D (Limit: ~~≤20.0%~~ 30%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	2/10/22	CCV1	B	62.3	(≤30%	All	J|W|P ND
	0943		A	33.3		↓	↓
	2/10/22	CCV2	Methyl Iodide	66.7		↓	J|W|P ND
	1008						

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202498

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-14-3-020422	2202498-04	Water	02/04/22
MW-14-2-020422	2202498-05	Water	02/04/22
MW-26-2-020422	2202498-06	Water	02/04/22
EB-5-020422	2202498-07	Water	02/04/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-5-020422 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-5-020422	02/04/22	Chromium	0.8 ug/L	MW-14-3-020422 MW-14-2-020422 MW-26-2-020422

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated field blanks.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

IX. Serial Dilution

Serial dilution was not performed for this SDG.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

No field duplicates were identified in this SDG.

XII. Internal Standards (ICP-MS)

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202498

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202498

No Sample Data Qualified in this SDG

LDC #: 54407C4a **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2202498 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	NOt Required
V.	Laboratory Blanks	A	
VI.	Field Blanks	SW	EB=4
VII.	Matrix Spike/Matrix Spike Duplicates	N	
VIII.	Duplicate sample analysis	N	
IX.	Serial Dilution	N	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	N	
XII.	Internal Standard (ICP-MS)	N	
XIII.	Target Analyte Quantitation	N	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	~~MW-14-020422~~ MW-14-3-020422	2202498-04	Water	02/04/22
2	~~MW-14-020422~~ MW-14-2-020422	2202498-05	Water	02/04/22
3	~~MW-26-020422~~ MW-26-2-020422	2202498-06	Water	02/04/22
4	EB-5-020422	2202498-07	Water	02/04/22
5				
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10				
11				
12				
13				
14				

Notes:

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: Jada Morales

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Blank units: ug/L
Sampling Date: 2/4/2022

Associated sample units:
Associated Samples:

			Sample Identification									
Analyte	Blank ID	Action Level										
	4											
Cr	0.8											

Comments: The action level, when applicable, is establised at 5X the highest concentration.

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202498

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-14-3-020422	2202498-04	Water	02/04/22
MW-14-2-020422	2202498-05	Water	02/04/22
MW-26-2-020422	2202498-06	Water	02/04/22
EB-5-020422	2202498-07	Water	02/04/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. Initial Calibration

All criteria for the initial calibration were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.000047 mg/L	MW-14-2-020422 MW-26-2-020422

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-14-2-020422	Hexavalent chromium	0.00024 mg/L	0.00024U mg/L
MW-26-2-020422	Hexavalent chromium	0.00017 mg/L	0.00017U mg/L

V. Field Blanks

Sample EB-5-020422 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-5-020422	Hexavalent chromium	0.000068 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

No field duplicates were identified in this SDG.

X Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to laboratory blank contamination, data were qualified as not detected in two samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2202498

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2202498

Sample	Analyte	Modified Final Concentration	A or P
MW-14-2-020422	Hexavalent chromium	0.00024U mg/L	A
MW-26-2-020422	Hexavalent chromium	0.00017U mg/L	A

LDC #: 54407C6 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/2/22
SDG #: 2202498 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB=4
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	N	
X.	Target Analyte Quantitation	N	
XI	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	~~MW-14-020422~~ MW-14-3-020422	2202498-04	Water	02/04/22
2	~~MW-14-020422~~ MW-14-3-020422	2202498-05	Water	02/04/22
3	~~MW-26-020422~~ MW-26-2-020422	2202498-06	Water	02/04/22
4	EB-5-020422	2202498-07	Water	02/04/22
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15				

Notes:

VALIDATION FINDINGS WORKSHEET
Laboratory Blank Contamination (PB/ICB/CCB)

Reviewer: Jada Morales

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 2-3

				Sample Identification								
Analyte	**PB (units)**	**Maximum ICB/CCB (mg/L)**	**Action Level**	2	3							
Cr(VI)		0.000047		0.00024 U	0.00017 U							

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is establised at 5X the highest ICB, CCB, or PB concentration.

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: Jada Morales

METHOD: Inorganics

Blank units: mg/L Associated sample units: mg/L
Sampling Date: 2/4/2022 Associated Samples:

			Sample Identification									
Analyte	Blank ID	Action Level	No Qual									
	4											
Cr(VI)	0.000068											

Comments: The action level, when applicable, is establised at 5X the highest concentration.

LDC Report# 54407D1a

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 28, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202850

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-7-020822	2202850-01	Water	02/08/22
MW-23-3	2202850-03	Water	02/08/22
MW-23-2	2202850-04	Water	02/08/22
DUP-5-1Q22	2202850-05	Water	02/08/22
MW-3-4	2202850-06	Water	02/08/22
MW-3-3	2202850-07	Water	02/08/22
DUP-6-1Q22	2202850-08	Water	02/08/22
MW-3-2	2202850-09	Water	02/08/22
EB-7-020822	2202850-10	Water	02/08/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/10/22 (0943)	Bromomethane Chloromethane	62.3 33.3	TB-7-020822 MW-23-2	UJ (all non-detects) UJ (all non-detects)	P
02/10/22 (108)	Methyl iodide	66.7	TB-7-020822 MW-23-2	UJ (all non-detects)	P
02/10/22 (2133)	Bromomethane	45.5	DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822	UJ (all non-detects)	P

Date	Analyte	%D	Associated Samples	Flag	A or P
02/10/22 (2157)	Methyl iodide Pentachloroethane	47.9 93.3	DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822	UJ (all non-detects) UJ (all non-detects)	P

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-7-020822 was identified as a trip blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
TB-7-020822	02/08/22	Methylene chloride	0.31 ug/L	MW-23-3 MW-23-2 DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822

Sample EB-7-020822 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-7-020822	02/08/22	Methylene chloride	0.30 ug/L	MW-23-3 MW-23-2 DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2

Sample SB-1-013122 (from SDG 2201950) was identified as a source blank. No contaminants were found.

Sample concentrations were compared to concentrations detected in the field blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated field blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
EB-7-020822	Methylene chloride	0.30 ug/L	0.30U ug/L

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-23-2 and DUP-5-1Q22 and samples MW-3-3 and DUP-6-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	DUP-5-1Q22	MW-23-2	
Chloroform	0.99	0.54	59
Tetrachloroethene	0.98	0.49	67
Trichloroethene	2.2	1.0	75
1,1-Dichloroethane	0.40	0.18	76
1,2,3-Trichlorobenzene	0.21	0.19U	NC

NC = Not calculated when sample results in one (RPD) or two (RSD) samples were less than the limit of quantitation (LOQ).

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

Raw data were not reviewed for Level III validation.

XIV. System Performance

Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in eight samples.

Due to laboratory blank contamination, data were qualified as not detected in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2202850

Sample	Analyte	Flag	A or P	Reason
TB-7-020822 MW-23-2	Bromomethane Chloromethane Methyl iodide	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)
DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822	Bromomethane Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2202850

Sample	Analyte	Modified Final Concentration	A or P
EB-7-020822	Methylene chloride	0.30U ug/L	A

LDC #: 54407D1a

SDG #: 2202850

Laboratory: BC Laboratories, Inc., Bakersfield, CA

VALIDATION COMPLETENESS WORKSHEET

Level III

Date: 7/25/22

Page: 1 of 1

Reviewer: EF

2nd Reviewer: EF

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	%RSD ≤30, r² ICV ≤30
IV.	Continuing calibration	SW	CCV ≤30
V.	Laboratory Blanks	A	
VI.	Field blanks	SW	TB=1 EB=9 SB=SB-1-013122 (2201950)
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	MS
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	SW	D=3,4 6,7
XI.	Internal standards	A	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID		Lab ID	Matrix	Date
1	TB-7-020822		2202850-01	Water	02/08/22
2	MW-23-3		2202850-03	Water	02/08/22
3	MW-23-2	D	2202850-04	Water	02/08/22
4	DUP-5-1Q22	D	2202850-05	Water	02/08/22
5	MW-3-4		2202850-06	Water	02/08/22
6	MW-3-3	D	2202850-07	Water	02/08/22
7	DUP-6-1Q22	D	2202850-08	Water	02/08/22
8	MW-3-2		2202850-09	Water	02/08/22
9	EB-7-020822		2202850-10	Water	02/08/22
10					

Notes:

	B131503						

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54407D|a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y N N/A Were all %D and RRFs within the validation criteria of ≤20 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤20.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	2/10/22 0943	CCV1	B	62.3		1, 3	J/UJ/P ND
			A	33.3			
	2/10/22 1088	CCV2	Methyl Iodide	66.7		↓	↓
	2/10/22 2133	CCV3	B	45.5		4 #10, B131503-MB	↓
	2/10/22 2157	CCV4	Methyl Iodide	47.9		↓	↓
			Pentachloroethane	93.3			

LDC #: 54407Dk

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Y N N/A Were field blanks identified in this SDG?
Y N N/A Were target compounds detected in the field blanks?

Blank units: ug/L **Associated sample units:** ug/L
Sampling date: 2/8/22
Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other: TB Associated Samples: 2 → 9

Compound	Blank ID	Sample Identification								
	1		9							
E	0.31		0.30J							

Blank units: ug/L **Associated sample units:** ug/L
Sampling date: 2/8/22
Field blank type: (circle one) Field Blank / Rinsate / Trip Blank / Other: EB Associated Samples: 2 → 8 (ND)

Compound	Blank ID	Sample Identification								
	9									
~~D~~ E	0.30									

CIRCLED RESULTS WERE NOT QUALIFIED. ALL RESULTS NOT CIRCLED WERE QUALIFIED BY THE FOLLOWING STATEMENT:
Common contaminants such as Methylene chloride, Acetone, 2-Butanone and Carbon disulfide that were detected in samples within ten times the associated field blank concentration were qualified as not detected, "U". Other contaminants within five times the field blank concentration were also qualified as not detected, "U".

LDC #: 54407D1a

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: ___ GC __ HPLC GCMS 524.2

Y N N/A Were field duplicate pairs identified in this SDG?

Y N N/A Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		%RPD Limit (≤ %)	Qualification (Parent only)
	4 ~~3~~ ~~8~~	~~4~~ 3		
K	FT ~~0.23~~ 0.99	0.54	59	
ΔΔ	0.98	0.49	67	
~~XX~~ S	2.2	1.0	75	
I	0.40	0.18	76	
NNN	0.21	0.194	NC	

Compound	Concentration ( )		%RPD Limit (≤ %)	Qualification (Parent only)
	~~6~~	~~7~~		

Compound	Concentration ( )		%RPD Limit (≤ %))	Qualification (Parent only)

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202850

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-23-4	2202850-02	Water	02/08/22
MW-23-3	2202850-03	Water	02/08/22
MW-23-2	2202850-04	Water	02/08/22
DUP-5-1Q22	2202850-05	Water	02/08/22
MW-3-4	2202850-06	Water	02/08/22
MW-3-3	2202850-07	Water	02/08/22
DUP-6-1Q22	2202850-08	Water	02/08/22
MW-3-2	2202850-09	Water	02/08/22
EB-7-020822	2202850-10	Water	02/08/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-7-020822 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

IX. Serial Dilution

Serial dilution was not performed for this SDG.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples MW-23-2 and DUP-5-1Q22 and samples MW-3-3 and DUP-6-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-23-2	DUP-5-1Q22	
Chromium	1.8	1.5	18

Analyte	Concentration (ug/L)		RPD
	MW-3-3	DUP-6-1Q22	
Chromium	6.3	3.1	68

XII. Internal Standards (ICP-MS)

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2202850

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2202850

No Sample Data Qualified in this SDG

LDC #: 54407D4a **VALIDATION COMPLETENESS WORKSHEET** Date: 8/3/22
SDG #: 2202850 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	Not Required
V.	Laboratory Blanks	A	
VI.	Field Blanks	A ND	EB=9
VII.	Matrix Spike/Matrix Spike Duplicates	N	
VIII.	Duplicate sample analysis	N	
IX.	Serial Dilution	N	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(3,4) (16,7)
XII.	Internal Standard (ICP-MS)	N	
XIII.	Target Analyte Quantitation	N	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-23-4	2202850-02	Water	02/08/22
2	MW-23-3	2202850-03	Water	02/08/22
3	MW-23-2	2202850-04	Water	02/08/22
4	DUP-5-1Q22	2202850-05	Water	02/08/22
5	MW-3-4	2202850-06	Water	02/08/22
6	MW-3-3	2202850-07	Water	02/08/22
7	DUP-6-1Q22	2202850-08	Water	02/08/22
8	MW-3-2	2202850-09	Water	02/08/22
9	EB-7-020822	2202850-10	Water	02/08/22
10				
11				
12				
13				
14				

Notes:

Field Duplicates

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	3	4		
Chromium	1.8	1.5	18	

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	6	7		
Chromium	6.3	3.1	68	

LDC Report# 54407D6

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2202850

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-23-4	2202850-02	Water	02/08/22
MW-23-3	2202850-03	Water	02/08/22
MW-23-2	2202850-04	Water	02/08/22
DUP-5-1Q22	2202850-05	Water	02/08/22
MW-3-4	2202850-06	Water	02/08/22
MW-3-3	2202850-07	Water	02/08/22
DUP-6-1Q22	2202850-08	Water	02/08/22
MW-3-2	2202850-09	Water	02/08/22
EB-7-020822	2202850-10	Water	02/08/22
MW-23-4MS	2202850-02MS	Water	02/08/22
MW-23-4MSD	2202850-02MSD	Water	02/08/22
MW-23-4DUP	2202850-02DUP	Water	02/08/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Flag	A or P
MW-23-3 MW-23-2	Hexavalent chromium	150 hours	24 hours	J (all detects)	P

II. Initial Calibration

All criteria for the initial calibration were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Hexavalent chromium	0.000029 mg/L	MW-23-4 MW-23-3 MW-23-2 DUP-5-1Q22 MW-3-4 MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822
ICB/CCB	Hexavalent chromium	0.000062 ug/L	MW-23-4 MW-23-3 MW-23-2 DUP-5-1Q22 MW-3-4
ICB/CCB	Hexavalent chromium	0.00014 ug/L	MW-3-3 DUP-6-1Q22 MW-3-2 EB-7-020822

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
EB-7-020822	Hexavalent chromium	0.000091 mg/L	0.000091U mg/L

V. Field Blanks

Sample EB-7-020822 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-7-020822	Hexavalent chromium	0.000091 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples MW-23-2 and DUP-5-1Q22 and samples MW-3-3 and DUP-6-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-23-2	DUP-5-1Q22	
Hexavalent chromium	0.0015	0.0015	0

Analyte	Concentration (mg/L)		RPD
	MW-3-3	DUP-6-1Q22	
Hexavalent chromium	0.00067	0.00069	3

X Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to technical holding time, data were qualified as estimated in two samples.

Due to laboratory blank contamination, data were qualified as not detected in one sample.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2202850

Sample	Analyte	Flag	A or P	Reason
MW-23-3 MW-23-2	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2202850

Sample	Analyte	Modified Final Concentration	A or P
EB-7-020822	Hexavalent chromium	0.000091U mg/L	A

LDC #: 54407D6 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/3/22
SDG #: 2202850 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer: [illegible]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / SW	
II.	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB-9
VI.	Matrix Spike/Matrix Spike Duplicates	A	MS|MSD
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(3,4) (10,7)
X.	Target Analyte Quantitation	N	
XI	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-23-4	2202850-02	Water	02/08/22
2	MW-23-3	2202850-03	Water	02/08/22
3	MW-23-2	2202850-04	Water	02/08/22
4	DUP-5-1Q22	2202850-05	Water	02/08/22
5	MW-3-4	2202850-06	Water	02/08/22
6	MW-3-3	2202850-07	Water	02/08/22
7	DUP-6-1Q22	2202850-08	Water	02/08/22
8	MW-3-2	2202850-09	Water	02/08/22
9	EB-7-020822	2202850-10	Water	02/08/22
10	MW-23-4MS	2202850-02MS	Water	02/08/22
11	MW-23-4MSD	2202850-02MSD	Water	02/08/22
12	MW-23-4DUP	2202850-02DUP	Water	02/08/22
13				
14				
15				

Notes:

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the requried holding time with the following exceptions:

		Method: 218.6 Analyte: Hexavalent Chromium Holding Time: 24 Hours			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis**	**Qualifier**	**Det/ND**
2	2/8/2022 9:45	2/14/2022 16:09	150	J/R/P	Det
3	2/8/2022 10:15	2/14/2022 16:19	150	J/R/P	Det

Preservation

Sample ID	**Preservation**	**Preservation Requirement (pH)**	**Qualifier**	**Det/ND**

Laboratory Blank Contamination (PB/ICB/CCB)

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-9

				Sample Identification								
Analyte	**PB (mg/L)**	**Maximum ICB/CCB (units)**	**Action Level**	9								
Cr(VI)	0.000029		0.00015	0.000091 U								

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-5

				Sample Identification								
Analyte	**PB (units)**	**Maximum ICB/CCB (mg/L)**	**Action Level**									
Cr(VI)		0.000062	0.00031									

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 6-9

				Sample Identification								
Analyte	**PB (units)**	**Maximum ICB/CCB (mg/L)**	**Action Level**	9								
Cr(VI)		0.00014	0.0007	0.000091 U								

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is establised at 5X the highest ICB, CCB, or PB concentration.

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: Jada Morales

METHOD: Inorganics

Blank units: mg/L Associated sample units: mg/L
Sampling Date: 2/8/2022 Associated Samples:

			Sample Identification									
Analyte	Blank ID	Action Level	No Qual									
	9											
Cr(VI)	0.000091											

Comments: The action level, when applicable, is establised at 5X the highest concentration.

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	3	4		
Hexavalent Chromium	0.0015	0.0015	0	

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	6	7		
Hexavalent Chromium	0.00067	0.00069	3	

LDC Report# 54407E1a

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: July 29, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203057

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-8-020922	2203057-01	Water	02/09/22
MW-21-5	2203057-02	Water	02/09/22
MW-21-4	2203057-03	Water	02/09/22
MW-21-3	2203057-04	Water	02/09/22
DUP-7-1Q22	2203057-05	Water	02/09/22
MW-21-2	2203057-06	Water	02/09/22
EB-8-020922	2203057-07	Water	02/09/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Volatile Organic Compounds (VOCs) by Environmental Protection Agency (EPA) Method 524.2

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the compound or analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected compound or analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration and Initial Calibration Verification

An initial calibration was performed as required by the method.

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 30.0% for all analytes with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
02/15/22	Pentachloroethane	77.8	All samples in SDG 2203057	UJ (all non-detects)	A

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample TB-8-020922 was identified as a trip blank. No contaminants were found.

Sample EB-8-020922was identified as an equipment blank. No contaminants were found.

Sample SB-1-013122 (from SDG 2201950) was identified as a source blank. No contaminants were found.

VII. Surrogates

Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

VIII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

IX. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

X. Field Duplicates

Samples MW-21-3 and DUP-7-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-21-3	DUP-7-1Q22	
Chloroform	0.58	0.72	22
1,1-Dichloroethane	0.18	0.25	33
Tetrachloroethene	0.97	1.7	55
Trichloroethene	1.2	2.0	50

XI. Internal Standards

All internal standard areas and retention times were within QC limits.

XII. Targe Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Identification

Raw data were not reviewed for Level III validation.

XIV. System Performance

Raw data were not reviewed for Level III validation.

XV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to continuing calibration %D, data were qualified as estimated in seven samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Volatiles - Data Qualification Summary - SDG 2203057

Sample	Analyte	Flag	A or P	Reason
TB-8-020922 MW-21-5 MW-21-4 MW-21-3 DUP-7-1Q22 MW-21-2 EB-8-020922	Pentachloroethane	UJ (all non-detects)	A	Continuing calibration (%D)

NASA JPL, 1Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2203057

No Sample Data Qualified in this SDG

LDC #: 54407E1a

VALIDATION COMPLETENESS WORKSHEET

Level III

SDG #: 2203057

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 7/25/22

Page: 1 of 1

Reviewer:

2nd Reviewer:

METHOD: GC/MS Volatiles (EPA Method 524.2)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A / A	%RSD ≤ 20, r ICV ≤ 30
IV.	Continuing calibration	SW	CCV ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB = 1 EB = 7 SB = SB-1-013122 (2201950)
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	N	MS
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	SW	D = 4, 5
XI.	Internal standards	A	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	TB-8-020922	2203057-01	Water	02/09/22
2	MW-21-5	2203057-02	Water	02/09/22
3	MW-21-4	2203057-03	Water	02/09/22
4	MW-21-3 D	2203057-04	Water	02/09/22
5	DUP-7-1Q22 D	2203057-05	Water	02/09/22
6	MW-21-2	2203057-06	Water	02/09/22
7	EB-8-020922	2203057-07	Water	02/09/22
8				
9				

Notes:

B131890

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO.1,1-Difluoroethane	O1. 3-Methylpentane
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylenes	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methyl cyclohexane	T1. 2-Methylhexane
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

LDC #: 54407E1a

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method ~~8260~~) 524.2

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?

Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?

Y N N/A Were all %D and RRFs within the validation criteria of ≤20 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: <20.0%)	Finding RRF (Limit: >0.05)	Associated Samples	Qualifications
	2/15/22 17:14	ccv2	Pentachloroethane	77.8		All	J/UJ/A (ND)

LDC #: 54407E|a

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: ___ GC __ HPLC GCMS 524.2

Y N N/A Were field duplicate pairs identified in this SDG?

Y N N/A Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		%RPD Limit (≤ %)	Qualification (Parent only)
	4	5		
K	0.58	0.72	22	
I	0.18	0.25	33	
AA	0.97	1.7	55	
S	1.2	2.0	50	

Compound	Concentration ( )		%RPD Limit (≤ %)	Qualification (Parent only)

Compound	Concentration ( )		%RPD Limit (≤ %))	Qualification (Parent only)

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203057

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-21-5	2203057-02	Water	02/09/22
MW-21-4	2203057-03	Water	02/09/22
MW-21-3	2203057-04	Water	02/09/22
DUP-7-1Q22	2203057-05	Water	02/09/22
MW-21-2	2203057-06	Water	02/09/22
EB-8-020922	2203057-07	Water	02/09/22

Introduction

This Data Validation Report (DVR) presents data validation findings and results for the associated samples listed on the cover page. Data validation was performed in accordance with a modified outline of the USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (January 2017). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following method:

Chromium by Environmental Protection Agency (EPA) Method 200.8

All sample results were subjected to Level III data validation, which comprises an evaluation of quality control (QC) summary results.

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met.

II. ICPMS Tune

The mass calibration was within 0.1 AMU and the percent relative standard deviation (%RSD) was less than or equal to 5%.

III. Instrument Calibration

Initial and continuing calibrations were performed as required by the method.

The initial calibration verification (ICV) and continuing calibration verification (CCV) standards were within QC limits.

IV. ICP Interference Check Sample Analysis

Interference check sample (ICS) analysis was not required by the method.

V. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-8-020922 was identified as an equipment blank. No contaminants were found.

VII. Matrix Spike/Matrix Spike Duplicates

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

VIII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

IX. Serial Dilution

Serial dilution was not performed for this SDG.

X. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

XI. Field Duplicates

Samples MW-21-3 and DUP-7-1Q22 were identified as field duplicates. No results were detected in any of the samples.

XII. Internal Standards (ICP-MS)

Raw data were not reviewed for Level III validation.

XIII. Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XIV. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

The quality control criteria reviewed were met and are considered acceptable.

NASA JPL, 1Q2022
Chromium - Data Qualification Summary - SDG 2203057

No Sample Data Qualified in this SDG

NASA JPL, 1Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2203057

No Sample Data Qualified in this SDG

LDC #: 54407E4a **VALIDATION COMPLETENESS WORKSHEET** Date: 8/3/22
SDG #: 2203057 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: JM
2nd Reviewer:

METHOD: Chromium (EPA Method 200.8)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	ICP/MS Tune	A	
III.	Instrument Calibration	A	
IV.	ICP Interference Check Sample (ICS) Analysis	N	Not Required
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB=6
VII.	Matrix Spike/Matrix Spike Duplicates	N	
VIII.	Duplicate sample analysis	N	
IX.	Serial Dilution	N	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	ND	(3,4)
XII.	Internal Standard (ICP-MS)	N	
XIII.	Target Analyte Quantitation	N	
XIV.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-21-5	2203057-02	Water	02/09/22
2	MW-21-4	2203057-03	Water	02/09/22
3	MW-21-3	2203057-04	Water	02/09/22
4	DUP-7-1Q22	2203057-05	Water	02/09/22
5	MW-21-2	2203057-06	Water	02/09/22
6	EB-8-020922	2203057-07	Water	02/09/22
7				
8				
9				
10				
11				
12				
13				
14				

Notes:

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 1Q2022

LDC Report Date: August 4, 2022

Parameters: Hexavalent Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2203057

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-21-5	2203057-02	Water	02/09/22
MW-21-4	2203057-03	Water	02/09/22
MW-21-3	2203057-04	Water	02/09/22
DUP-7-1Q22	2203057-05	Water	02/09/22
MW-21-2	2203057-06	Water	02/09/22
EB-8-020922	2203057-07	Water	02/09/22
MW-21-5MS	2203057-02MS	Water	02/09/22
MW-21-5MSD	2203057-02MSD	Water	02/09/22
MW-21-5DUP	2203057-02DUP	Water	02/09/22

The following are definitions of the data qualifiers utilized during data validation:

J (Estimated): The analyte was analyzed for and positively identified by the laboratory; however the reported concentration is estimated due to non-conformances discovered during data validation.

U (Non-detected): The analyte was analyzed for and positively identified by the laboratory; however the analyte should be considered non-detected at the reported concentration due to the presence of contaminants detected in the associated blank(s).

UJ (Non-detected estimated): The analyte was reported as not detected by the laboratory; however the reported quantitation/detection limit is estimated due to non-conformances discovered during data validation.

R (Rejected): The sample results were rejected due to gross non-conformances discovered during data validation. Data qualified as rejected is not usable.

NA (Not Applicable): The non-conformance discovered during data validation demonstrates a high bias, while the affected analyte in the associated sample(s) was reported as not detected by the laboratory and did not warrant the qualification of the data.

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

I. Sample Receipt and Technical Holding Times

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Time From Sample Collection Until Analysis	Required Holding Time From Sample Collection Until Analysis	Flag	A or P
MW-21-5	Hexavalent chromium	141 hours	24 hours	J (all detects)	P
MW-21-4	Hexavalent chromium	142 hours	24 hours	J (all detects)	P
MW-21-3 DUP-7-1Q22 MW-21-2	Hexavalent chromium	140 hours	24 hours	J (all detects)	P

II. Initial Calibration

All criteria for the initial calibration were met

III. Continuing Calibration

Continuing calibration frequency and analysis criteria were met.

IV. Laboratory Blanks

Laboratory blanks were analyzed as required by the method. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Hexavalent chromium	0.000026 mg/L	MW-21-5 MW-21-4 MW-21-3 DUP-7-1Q22 MW-21-2 EB-8-020922
ICB/CCB	Hexavalent chromium	0.000023 ug/L	MW-21-5 MW-21-4 MW-21-3 DUP-7-1Q22
ICB/CCB	Hexavalent chromium	0.000042 ug/L	MW-21-2 EB-8-020922

Data qualification by the laboratory blanks was based on the maximum contaminant concentration in the laboratory blanks in the analysis of each analyte. The sample concentrations were either not detected or were significantly greater (>5X blank contaminants) than the concentrations found in the associated laboratory blanks with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-21-3	Hexavalent chromium	0.00012 mg/L	0.00012U mg/L
DUP-7-1Q22	Hexavalent chromium	0.000097 mg/L	0.000097U mg/L
MW-21-2	Hexavalent chromium	0.000066 mg/L	0.000066U mg/L
EB-8-020922	Hexavalent chromium	0.000078 mg/L	0.000078U mg/L

V. Field Blanks

Sample EB-8-020922 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Analyte	Concentration
EB-8-020922	Hexavalent chromium	0.000078 mg/L

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits. Relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

Duplicate (DUP) sample analysis was performed on an associated project sample. Results were within QC limits.

VIII. Laboratory Control Samples

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits.

IX. Field Duplicates

Samples MW-21-3 and DUP-7-1Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-21-3	DUP-7-1Q22	
Hexavalent chromium	0.00012	0.000097	21

X Target Analyte Quantitation

Raw data were not reviewed for Level III validation.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the method. No results were rejected in this SDG.

Due to technical holding time, data were qualified as estimated in five samples.

Due to laboratory blank contamination, data were qualified as not detected in four samples.

The quality control criteria reviewed, other than those discussed above, were met and are considered acceptable.

NASA JPL, 1Q2022
Hexavalent Chromium - Data Qualification Summary - SDG 2203057

Sample	Analyte	Flag	A or P	Reason
MW-21-5 MW-21-4 MW-21-3 DUP-7-1Q22 MW-21-2	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 1Q2022
Hexavalent Chromium - Laboratory Blank Data Qualification Summary - SDG 2203057

Sample	Analyte	Modified Final Concentration	A or P
MW-21-3	Hexavalent chromium	0.00012U mg/L	A
DUP-7-1Q22	Hexavalent chromium	0.000097U mg/L	A
MW-21-2	Hexavalent chromium	0.000066U mg/L	A
EB-8-020922	Hexavalent chromium	0.000078U mg/L	A

LDC #: 54407E6 **VALIDATION COMPLETENESS WORKSHEET** Date: 8/3/22
SDG #: 2203057 Level III Page: 1 of 1
Laboratory: BC Laboratories, Inc., Bakersfield, CA Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / SW	
II	Initial calibration	A	
III.	Calibration verification	A	
IV	Laboratory Blanks	SW	
V	Field blanks	SW	EB=6
VI.	Matrix Spike/Matrix Spike Duplicates	A	MS/MSD
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(3,4)
X.	Target Analyte Quantitation	N	
XI	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	MW-21-5	2203057-02	Water	02/09/22
2	MW-21-4	2203057-03	Water	02/09/22
3	MW-21-3	2203057-04	Water	02/09/22
4	DUP-7-1Q22	2203057-05	Water	02/09/22
5	MW-21-2	2203057-06	Water	02/09/22
6	EB-8-020922	2203057-07	Water	02/09/22
7	MW-21-5MS	2203057-02MS	Water	02/09/22
8	MW-21-5MSD	2203057-02MSD	Water	02/09/22
9	MW-21-5DUP	2203057-02DUP	Water	02/09/22
10				
11				
12				
13				
14				
15				

Notes:

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the requried holding time with the following exceptions:

		Method: 218.6 Analyte: Hexavalent Chromium Holding Time: 24 Hours			
Sample ID	**Sampling Date**	**Analysis Date**	**Total Time from Collection to Analysis**	**Qualifier**	**Det/ND**
1	2/9/2022 11:30	2/15/2022 8:45	141	J/R/P	Det
2	2/9/2022 11:00	2/15/2022 9:24	142	J/R/P	Det
3	2/9/2022 12:40	2/15/2022 9:33	140	J/R/P	Det
4	2/9/2022 13:00	2/15/2022 9:43	140	J/R/P	Det
5	2/9/2022 13:30	2/15/2022 10:12	140	J/R/P	Det

Preservation

Sample ID	**Preservation**	**Preservation Requirement (pH)**	**Qualifier**	**Det/ND**

VALIDATION FINDINGS WORKSHEET
Laboratory Blank Contamination (PB/ICB/CCB)

Reviewer: Jada Morales

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-6

				Sample Identification							
Analyte	**PB (mg/L)**	**Maximum ICB/CCB (units)**	**Action Level**	3	4	5	6				
Cr(VI)	0.000026		0.00013	0.00012 U	0.000097 U	0.000066 U	0.000078 U				

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 1-4

				Sample Identification							
Analyte	**PB (units)**	**Maximum ICB/CCB (mg/L)**	**Action Level**	3	4						
Cr(VI)		0.000023	0.00012	0.00012 U	0.000097 U						

METHOD: Inorganics
Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 5-6

				Sample Identification							
Analyte	**PB (units)**	**Maximum ICB/CCB (mg/L)**	**Action Level**	5	6						
Cr(VI)		0.000042	0.00021	0.000066 U	0.000078 U						

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is estabilised at 5X the highest ICB, CCB, or PB concentration.

VALIDATION FINDINGS WORKSHEET
Field Blanks

Reviewer: Jada Morales

METHOD: Inorganics

Blank units: mg/L Associated sample units: mg/L
Sampling Date: 2/9/2022 Associated Samples:

			Sample Identification									
Analyte	Blank ID	Action Level	No Qual									
	6											
Cr(VI)	0.000078											

Comments: The action level, when applicable, is estabilised at 5X the highest concentration.

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	3	4		
Hexavalent Chromium	0.00012	0.000097	21	

NASA JPL, 1Q2022 - LDC 54407

SDG: 2201950

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	Total Recoverable Chromium	2/3/2022	3	Y	n	u		3.0	0.50	ug/L
EB-1	2201950-08	Total Recoverable Chromium	2/3/2022	3	Y	n	u		3.0	0.50	ug/L
MW-20-2	2201950-05	Total Recoverable Chromium	2/3/2022	1.1	Y	y	v j		3.0	0.50	ug/L
MW-20-3	2201950-04	Total Recoverable Chromium	2/3/2022	1.1	Y	y	v j		3.0	0.50	ug/L
MW-20-4	2201950-03	Total Recoverable Chromium	2/3/2022	3	Y	n	u		3.0	0.50	ug/L
MW-20-5	2201950-02	Total Recoverable Chromium	2/3/2022	3	Y	n	u		3.0	0.50	ug/L
SB-1	2201950-07	Total Recoverable Chromium	2/3/2022	3	Y	n	u		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	Hexavalent Chromium	2/3/2022	0.000081	Y	y	v j		0.0002	0.0000	mg/L
EB-1	2201950-08	Hexavalent Chromium	2/3/2022	0.00004	Y	y	v j		0.0002	0.0000	mg/L
MW-20-2	2201950-05	Hexavalent Chromium	2/3/2022	0.000053	Y	y	v j	J	0.0002	0.0000	mg/L
MW-20-3	2201950-04	Hexavalent Chromium	2/3/2022	0.00017	Y	y	v j		0.0002	0.0000	mg/L
MW-20-4	2201950-03	Hexavalent Chromium	2/3/2022	0.00025	Y	y	v	J	0.0002	0.0000	mg/L
MW-20-5	2201950-02	Hexavalent Chromium	2/3/2022	0.00013	Y	y	v j		0.0002	0.0000	mg/L
SB-1	2201950-07	Hexavalent Chromium	2/3/2022	0.000055	Y	y	v j		0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-1-1Q22	2201950-06	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-1Q22	2201950-06	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
DUP-1-1Q22	2201950-06	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-1-1Q22	2201950-06	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-1Q22	2201950-06	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-1-1Q22	2201950-06	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-1-1Q22	2201950-06	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-1Q22	2201950-06	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-1-1Q22	2201950-06	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	Trichloroethene	2/3/2022	0.47	Y	y	v j		0.50	0.19	ug/L
DUP-1-1Q22	2201950-06	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-1-1Q22	2201950-06	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-1Q22	2201950-06	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-1-1Q22	2201950-06	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-1Q22	2201950-06	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
DUP-1-1Q22	2201950-06	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
DUP-1-1Q22	2201950-06	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-1Q22	2201950-06	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-1-1Q22	2201950-06	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-1-1Q22	2201950-06	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-1-1Q22	2201950-06	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-1-1Q22	2201950-06	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-1-1Q22	2201950-06	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-1-1Q22	2201950-06	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-1Q22	2201950-06	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
DUP-1-1Q22	2201950-06	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
DUP-1-1Q22	2201950-06	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-1Q22	2201950-06	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-1-1Q22	2201950-06	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
DUP-1-1Q22	2201950-06	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-1Q22	2201950-06	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-1-1Q22	2201950-06	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-1-1Q22	2201950-06	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-1-1Q22	2201950-06	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-1-1Q22	2201950-06	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-1-1Q22	2201950-06	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-1Q22	2201950-06	Chloroform	2/3/2022	0.6	Y	y	v		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-1-1Q22	2201950-06	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-1Q22	2201950-06	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-1Q22	2201950-06	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-1-1Q22	2201950-06	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-1Q22	2201950-06	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-1Q22	2201950-06	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-1Q22	2201950-06	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-1Q22	2201950-06	Tetrachloroethene	2/3/2022	0.35	Y	y	v j		0.50	0.23	ug/L
DUP-1-1Q22	2201950-06	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-1-1Q22	2201950-06	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-1Q22	2201950-06	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-1-1Q22	2201950-06	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-1Q22	2201950-06	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-1Q22	2201950-06	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-1Q22	2201950-06	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-1Q22	2201950-06	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-1Q22	2201950-06	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-1Q22	2201950-06	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-1Q22	2201950-06	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-1Q22	2201950-06	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-1Q22	2201950-06	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-1Q22	2201950-06	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-1Q22	2201950-06	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1	2201950-08	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1	2201950-08	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1	2201950-08	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-1	2201950-08	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1	2201950-08	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-1	2201950-08	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-1	2201950-08	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1	2201950-08	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1	2201950-08	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-1	2201950-08	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-1	2201950-08	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1	2201950-08	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1	2201950-08	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1	2201950-08	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1	2201950-08	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
EB-1	2201950-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1	2201950-08	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-1	2201950-08	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-1	2201950-08	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1	2201950-08	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-1	2201950-08	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-1	2201950-08	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-1	2201950-08	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1	2201950-08	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1	2201950-08	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1	2201950-08	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-1	2201950-08	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-1	2201950-08	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-1	2201950-08	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
EB-1	2201950-08	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-1	2201950-08	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-1	2201950-08	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1	2201950-08	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-1	2201950-08	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1	2201950-08	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1	2201950-08	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1	2201950-08	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1	2201950-08	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1	2201950-08	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1	2201950-08	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-1	2201950-08	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
EB-1	2201950-08	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-1	2201950-08	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
EB-1	2201950-08	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
EB-1	2201950-08	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
EB-1	2201950-08	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-1	2201950-08	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
EB-1	2201950-08	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
EB-1	2201950-08	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
EB-1	2201950-08	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
EB-1	2201950-08	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
EB-1	2201950-08	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
EB-1	2201950-08	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
EB-1	2201950-08	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-1	2201950-08	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1	2201950-08	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
EB-1	2201950-08	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
EB-1	2201950-08	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-1	2201950-08	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-1	2201950-08	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
EB-1	2201950-08	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-20-2	2201950-05	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-2	2201950-05	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-2	2201950-05	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-2	2201950-05	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2201950-05	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Tetrachloroethene	2/3/2022	0.52	Y	y	v		0.50	0.23	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-2	2201950-05	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2201950-05	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2201950-05	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2201950-05	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-2	2201950-05	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2201950-05	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2201950-05	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-2	2201950-05	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2201950-05	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-20-2	2201950-05	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2201950-05	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-20-2	2201950-05	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-20-2	2201950-05	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-2	2201950-05	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-2	2201950-05	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-2	2201950-05	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2201950-05	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-2	2201950-05	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Trichloroethene	2/3/2022	0.6	Y	y	v		0.50	0.19	ug/L
MW-20-2	2201950-05	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2201950-05	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2201950-05	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-2	2201950-05	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2201950-05	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2201950-05	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-20-2	2201950-05	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-20-2	2201950-05	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2201950-05	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-2	2201950-05	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2201950-05	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-2	2201950-05	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-2	2201950-05	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-2	2201950-05	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-2	2201950-05	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	Chloroform	2/3/2022	0.58	Y	y	v		0.50	0.14	ug/L
MW-20-2	2201950-05	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2201950-05	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-20-2	2201950-05	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-20-2	2201950-05	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2201950-05	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-2	2201950-05	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-2	2201950-05	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-2	2201950-05	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2201950-05	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-2	2201950-05	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2201950-05	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-2	2201950-05	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-2	2201950-05	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-2	2201950-05	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-2	2201950-05	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2201950-05	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-2	2201950-05	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-2	2201950-05	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-2	2201950-05	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-2	2201950-05	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-20-2	2201950-05	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-2	2201950-05	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2201950-05	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-2	2201950-05	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-3	2201950-04	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2201950-04	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2201950-04	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-3	2201950-04	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-3	2201950-04	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-20-3	2201950-04	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-3	2201950-04	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2201950-04	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2201950-04	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2201950-04	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2201950-04	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	Tetrachloroethene	2/3/2022	0.66	Y	y	v		0.50	0.23	ug/L
MW-20-3	2201950-04	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-3	2201950-04	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-3	2201950-04	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-3	2201950-04	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-20-3	2201950-04	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2201950-04	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-3	2201950-04	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-20-3	2201950-04	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-3	2201950-04	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-3	2201950-04	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-3	2201950-04	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-3	2201950-04	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-20-3	2201950-04	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-3	2201950-04	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-20-3	2201950-04	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-20-3	2201950-04	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2201950-04	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-3	2201950-04	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-3	2201950-04	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-3	2201950-04	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-20-3	2201950-04	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	Styrene	2/3/2022	0.39	Y	y	v j		0.50	0.12	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-3	2201950-04	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-3	2201950-04	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-3	2201950-04	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-3	2201950-04	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-3	2201950-04	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2201950-04	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2201950-04	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-3	2201950-04	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-3	2201950-04	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2201950-04	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2201950-04	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-3	2201950-04	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2201950-04	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2201950-04	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2201950-04	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-3	2201950-04	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-3	2201950-04	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2201950-04	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-3	2201950-04	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2201950-04	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2201950-04	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-3	2201950-04	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2201950-04	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-3	2201950-04	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2201950-04	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2201950-04	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2201950-04	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2201950-04	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2201950-04	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2201950-04	Carbon disulfide	2/3/2022	0.56	Y	y	v		0.50	0.48	ug/L
MW-20-4	2201950-03	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-20-4	2201950-03	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-20-4	2201950-03	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-4	2201950-03	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-20-4	2201950-03	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-20-4	2201950-03	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2201950-03	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-4	2201950-03	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-4	2201950-03	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-4	2201950-03	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-4	2201950-03	Carbon disulfide	2/3/2022	0.51	Y	y	v		0.50	0.48	ug/L
MW-20-4	2201950-03	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-4	2201950-03	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2201950-03	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-4	2201950-03	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-4	2201950-03	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-4	2201950-03	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2201950-03	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2201950-03	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-4	2201950-03	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2201950-03	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2201950-03	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2201950-03	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2201950-03	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-4	2201950-03	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2201950-03	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-20-4	2201950-03	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-4	2201950-03	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-4	2201950-03	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-4	2201950-03	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-4	2201950-03	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2201950-03	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2201950-03	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-4	2201950-03	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-4	2201950-03	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-4	2201950-03	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2201950-03	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2201950-03	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2201950-03	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-4	2201950-03	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-20-4	2201950-03	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-20-4	2201950-03	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-20-4	2201950-03	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-20-4	2201950-03	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2201950-03	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-4	2201950-03	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-20-4	2201950-03	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2201950-03	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-4	2201950-03	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-4	2201950-03	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-4	2201950-03	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2201950-03	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2201950-03	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2201950-03	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2201950-03	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2201950-03	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2201950-03	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2201950-03	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-4	2201950-03	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2201950-03	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-4	2201950-03	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2201950-03	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-4	2201950-03	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-4	2201950-03	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2201950-03	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2201950-03	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2201950-03	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2201950-03	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2201950-02	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-5	2201950-02	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-5	2201950-02	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-20-5	2201950-02	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-20-5	2201950-02	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-20-5	2201950-02	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-5	2201950-02	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-5	2201950-02	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-20-5	2201950-02	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-20-5	2201950-02	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-20-5	2201950-02	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2201950-02	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-5	2201950-02	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-5	2201950-02	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2201950-02	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2201950-02	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2201950-02	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2201950-02	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-5	2201950-02	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2201950-02	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2201950-02	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2201950-02	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-5	2201950-02	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-5	2201950-02	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2201950-02	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-5	2201950-02	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-5	2201950-02	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-5	2201950-02	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-5	2201950-02	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2201950-02	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-5	2201950-02	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-5	2201950-02	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2201950-02	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-5	2201950-02	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-5	2201950-02	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-5	2201950-02	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-5	2201950-02	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	Styrene	2/3/2022	0.14	Y	y	v j		0.50	0.12	ug/L
MW-20-5	2201950-02	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2201950-02	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2201950-02	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2201950-02	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2201950-02	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2201950-02	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-20-5	2201950-02	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-5	2201950-02	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-5	2201950-02	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-20-5	2201950-02	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-20-5	2201950-02	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2201950-02	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-5	2201950-02	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-5	2201950-02	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2201950-02	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2201950-02	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2201950-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2201950-02	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2201950-02	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2201950-02	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2201950-02	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2201950-02	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2201950-02	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2201950-02	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-5	2201950-02	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-1	2201950-07	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-1	2201950-07	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-1	2201950-07	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
SB-1	2201950-07	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1	2201950-07	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
SB-1	2201950-07	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
SB-1	2201950-07	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
SB-1	2201950-07	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
SB-1	2201950-07	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
SB-1	2201950-07	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
SB-1	2201950-07	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
SB-1	2201950-07	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
SB-1	2201950-07	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
SB-1	2201950-07	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1	2201950-07	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
SB-1	2201950-07	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1	2201950-07	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1	2201950-07	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1	2201950-07	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1	2201950-07	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-1	2201950-07	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
SB-1	2201950-07	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1	2201950-07	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
SB-1	2201950-07	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
SB-1	2201950-07	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
SB-1	2201950-07	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
SB-1	2201950-07	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
SB-1	2201950-07	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
SB-1	2201950-07	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
SB-1	2201950-07	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
SB-1	2201950-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1	2201950-07	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
SB-1	2201950-07	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1	2201950-07	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1	2201950-07	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
SB-1	2201950-07	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-1	2201950-07	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1	2201950-07	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1	2201950-07	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1	2201950-07	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
SB-1	2201950-07	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-1	2201950-07	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
SB-1	2201950-07	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-1	2201950-07	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1	2201950-07	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1	2201950-07	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1	2201950-07	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1	2201950-07	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-1	2201950-07	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1	2201950-07	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1	2201950-07	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-1	2201950-07	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-1	2201950-07	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-1	2201950-07	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
SB-1	2201950-07	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1	2201950-07	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1	2201950-07	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1	2201950-07	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1	2201950-01	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-1	2201950-01	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1	2201950-01	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1	2201950-01	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-1	2201950-01	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
TB-1	2201950-01	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1	2201950-01	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1	2201950-01	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1	2201950-01	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1	2201950-01	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-1	2201950-01	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1	2201950-01	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1	2201950-01	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-1	2201950-01	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1	2201950-01	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-1	2201950-01	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1	2201950-01	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-1	2201950-01	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1	2201950-01	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-1	2201950-01	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1	2201950-01	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-1	2201950-01	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-1	2201950-01	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-1	2201950-01	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-1	2201950-01	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-1	2201950-01	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1	2201950-01	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-1	2201950-01	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1	2201950-01	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1	2201950-01	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-1	2201950-01	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-1	2201950-01	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-1	2201950-01	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
TB-1	2201950-01	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1	2201950-01	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1	2201950-01	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
TB-1	2201950-01	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
TB-1	2201950-01	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-1	2201950-01	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
TB-1	2201950-01	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
TB-1	2201950-01	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-1	2201950-01	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
TB-1	2201950-01	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-1	2201950-01	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
TB-1	2201950-01	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
TB-1	2201950-01	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
TB-1	2201950-01	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2201950

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-1	2201950-01	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
TB-1	2201950-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1	2201950-01	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1	2201950-01	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1	2201950-01	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
TB-1	2201950-01	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
TB-1	2201950-01	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-1	2201950-01	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
TB-1	2201950-01	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1	2201950-01	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
TB-1	2201950-01	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-1	2201950-01	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
TB-1	2201950-01	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
TB-1	2201950-01	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
TB-1	2201950-01	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L

NASA JPL, 1Q2022 - LDC 54407

SDG: 2202145

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-020122	2202145-07	Total Recoverable Chromium	2/7/2022	3	Y	n	u		3.0	0.50	ug/L
MW-25-1-020122	2202145-06	Total Recoverable Chromium	2/7/2022	2.3	Y	y	v j		3.0	0.50	ug/L
MW-25-2-020122	2202145-05	Total Recoverable Chromium	2/7/2022	2	Y	y	v j		3.0	0.50	ug/L
MW-25-3-020122	2202145-04	Total Recoverable Chromium	2/7/2022	2.8	Y	y	v j		3.0	0.50	ug/L
MW-25-4-020122	2202145-03	Total Recoverable Chromium	2/7/2022	2.1	Y	y	v j		3.0	0.50	ug/L
MW-25-5-020122	2202145-02	Total Recoverable Chromium	2/7/2022	1.6	Y	y	v j		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-020122	2202145-07	Hexavalent Chromium	2/3/2022	0.000066	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-25-1-020122	2202145-06	Hexavalent Chromium	2/3/2022	0.00017	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-25-2-020122	2202145-05	Hexavalent Chromium	2/3/2022	0.0017	Y	y	v	J	0.0002	0.0000	mg/L
MW-25-3-020122	2202145-04	Hexavalent Chromium	2/3/2022	0.0016	Y	y	v	J	0.0002	0.0000	mg/L
MW-25-4-020122	2202145-03	Hexavalent Chromium	2/3/2022	0.00025	Y	y	v	UJ	0.0002	0.0000	mg/L
MW-25-5-020122	2202145-02	Hexavalent Chromium	2/3/2022	0.00022	Y	y	v	UJ	0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-1Q22	2202145-11	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-1Q22	2202145-11	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
DUP-2-1Q22	2202145-11	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-1Q22	2202145-11	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-1Q22	2202145-11	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-1Q22	2202145-11	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	Trichloroethene	2/4/2022	1	Y	y	v		0.50	0.19	ug/L
DUP-2-1Q22	2202145-11	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-1Q22	2202145-11	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-2-1Q22	2202145-11	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-2-1Q22	2202145-11	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	Tetrachloroethene	2/4/2022	3	Y	y	v		0.50	0.23	ug/L
DUP-2-1Q22	2202145-11	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-1Q22	2202145-11	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-2-1Q22	2202145-11	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-1Q22	2202145-11	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-2-1Q22	2202145-11	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-1Q22	2202145-11	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-2-1Q22	2202145-11	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
DUP-2-1Q22	2202145-11	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
DUP-2-1Q22	2202145-11	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-2-1Q22	2202145-11	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-2-1Q22	2202145-11	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-1Q22	2202145-11	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-2-1Q22	2202145-11	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-2-1Q22	2202145-11	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
DUP-2-1Q22	2202145-11	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
DUP-2-1Q22	2202145-11	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-1Q22	2202145-11	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-2-1Q22	2202145-11	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-2-1Q22	2202145-11	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-2-1Q22	2202145-11	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-2-1Q22	2202145-11	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-1Q22	2202145-11	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-2-1Q22	2202145-11	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-1Q22	2202145-11	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-2-1Q22	2202145-11	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-2-1Q22	2202145-11	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-2-1Q22	2202145-11	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-2-1Q22	2202145-11	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-1Q22	2202145-11	Chloroform	2/4/2022	3.3	Y	y	v		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-2-1Q22	2202145-11	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-2-1Q22	2202145-11	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-1Q22	2202145-11	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-1Q22	2202145-11	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
DUP-2-1Q22	2202145-11	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-2-1Q22	2202145-11	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-2-1Q22	2202145-11	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-2-1Q22	2202145-11	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-1Q22	2202145-11	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-1Q22	2202145-11	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
DUP-2-1Q22	2202145-11	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-2-1Q22	2202145-11	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-2-1Q22	2202145-11	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-1Q22	2202145-11	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-2-1Q22	2202145-11	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-1Q22	2202145-11	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-1Q22	2202145-11	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	cis-1,2-Dichloroethene	2/4/2022	0.38	Y	y	v j		0.50	0.27	ug/L
DUP-2-1Q22	2202145-11	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-2-1Q22	2202145-11	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-1Q22	2202145-11	1,1-Dichloroethane	2/4/2022	0.24	Y	y	v j		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-1Q22	2202145-11	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-1Q22	2202145-11	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-1Q22	2202145-11	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-1Q22	2202145-11	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
EB-2-020122	2202145-07	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-020122	2202145-07	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2-020122	2202145-07	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-2-020122	2202145-07	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-2-020122	2202145-07	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-020122	2202145-07	Chloroform	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2-020122	2202145-07	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-020122	2202145-07	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2-020122	2202145-07	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-020122	2202145-07	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-2-020122	2202145-07	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-020122	2202145-07	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-020122	2202145-07	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-020122	2202145-07	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-020122	2202145-07	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-020122	2202145-07	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2-020122	2202145-07	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-020122	2202145-07	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-020122	2202145-07	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-020122	2202145-07	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
EB-2-020122	2202145-07	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-020122	2202145-07	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
EB-2-020122	2202145-07	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-020122	2202145-07	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-020122	2202145-07	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-020122	2202145-07	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-020122	2202145-07	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-020122	2202145-07	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
EB-2-020122	2202145-07	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
EB-2-020122	2202145-07	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-020122	2202145-07	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-020122	2202145-07	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
EB-2-020122	2202145-07	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
EB-2-020122	2202145-07	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-020122	2202145-07	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-2-020122	2202145-07	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-020122	2202145-07	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-020122	2202145-07	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-020122	2202145-07	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2-020122	2202145-07	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-020122	2202145-07	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-020122	2202145-07	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2-020122	2202145-07	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-020122	2202145-07	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-2-020122	2202145-07	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-020122	2202145-07	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
EB-2-020122	2202145-07	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
EB-2-020122	2202145-07	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-020122	2202145-07	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-020122	2202145-07	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
EB-2-020122	2202145-07	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
EB-2-020122	2202145-07	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
EB-2-020122	2202145-07	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-020122	2202145-07	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
EB-2-020122	2202145-07	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
EB-2-020122	2202145-07	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
EB-2-020122	2202145-07	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
EB-2-020122	2202145-07	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
EB-2-020122	2202145-07	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-020122	2202145-07	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-2-020122	2202145-07	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
EB-2-020122	2202145-07	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
EB-2-020122	2202145-07	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
EB-2-020122	2202145-07	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
EB-2-020122	2202145-07	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
EB-2-020122	2202145-07	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-1-020122	2202145-13	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-1-020122	2202145-13	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-19-1-020122	2202145-13	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-1-020122	2202145-13	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-19-1-020122	2202145-13	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-19-1-020122	2202145-13	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-1-020122	2202145-13	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-1-020122	2202145-13	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-1-020122	2202145-13	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-1-020122	2202145-13	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-1-020122	2202145-13	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-1-020122	2202145-13	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-1-020122	2202145-13	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1-020122	2202145-13	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-1-020122	2202145-13	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-1-020122	2202145-13	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-1-020122	2202145-13	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1-020122	2202145-13	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-1-020122	2202145-13	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-1-020122	2202145-13	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-19-1-020122	2202145-13	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1-020122	2202145-13	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1-020122	2202145-13	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-1-020122	2202145-13	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1-020122	2202145-13	Chloroform	2/4/2022	1.1	Y	y	v		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-1-020122	2202145-13	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-1-020122	2202145-13	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-1-020122	2202145-13	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-1-020122	2202145-13	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-1-020122	2202145-13	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1-020122	2202145-13	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1-020122	2202145-13	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1-020122	2202145-13	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1-020122	2202145-13	Trichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1-020122	2202145-13	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-1-020122	2202145-13	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1-020122	2202145-13	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	Tetrachloroethene	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-1-020122	2202145-13	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-19-1-020122	2202145-13	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-1-020122	2202145-13	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-1-020122	2202145-13	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-19-1-020122	2202145-13	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-19-1-020122	2202145-13	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-19-1-020122	2202145-13	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-1-020122	2202145-13	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1-020122	2202145-13	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1-020122	2202145-13	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1-020122	2202145-13	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1-020122	2202145-13	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1-020122	2202145-13	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1-020122	2202145-13	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1-020122	2202145-13	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1-020122	2202145-13	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1-020122	2202145-13	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1-020122	2202145-13	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-1-020122	2202145-13	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-1-020122	2202145-13	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-1-020122	2202145-13	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1-020122	2202145-13	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1-020122	2202145-13	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-19-1-020122	2202145-13	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-1-020122	2202145-13	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-19-1-020122	2202145-13	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-1-020122	2202145-13	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-19-1-020122	2202145-13	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-19-1-020122	2202145-13	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-19-1-020122	2202145-13	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-2-020122	2202145-12	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-2-020122	2202145-12	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2-020122	2202145-12	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2-020122	2202145-12	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2-020122	2202145-12	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2-020122	2202145-12	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2-020122	2202145-12	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	1,1-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-19-2-020122	2202145-12	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-2-020122	2202145-12	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-2-020122	2202145-12	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2-020122	2202145-12	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-2-020122	2202145-12	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-2-020122	2202145-12	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-2-020122	2202145-12	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2-020122	2202145-12	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	Tetrachloroethene	2/4/2022	1.6	Y	y	v		0.50	0.23	ug/L
MW-19-2-020122	2202145-12	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2-020122	2202145-12	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2-020122	2202145-12	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-19-2-020122	2202145-12	Trichloroethene	2/4/2022	0.83	Y	y	v		0.50	0.19	ug/L
MW-19-2-020122	2202145-12	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-2-020122	2202145-12	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-2-020122	2202145-12	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2-020122	2202145-12	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2-020122	2202145-12	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2-020122	2202145-12	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-2-020122	2202145-12	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2-020122	2202145-12	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-2-020122	2202145-12	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-2-020122	2202145-12	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-19-2-020122	2202145-12	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-2-020122	2202145-12	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-2-020122	2202145-12	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-19-2-020122	2202145-12	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-2-020122	2202145-12	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-2-020122	2202145-12	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-2-020122	2202145-12	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-2-020122	2202145-12	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-2-020122	2202145-12	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-2-020122	2202145-12	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2-020122	2202145-12	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2-020122	2202145-12	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2-020122	2202145-12	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-2-020122	2202145-12	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-19-2-020122	2202145-12	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-19-2-020122	2202145-12	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-2-020122	2202145-12	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-2-020122	2202145-12	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-2-020122	2202145-12	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-19-2-020122	2202145-12	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-2-020122	2202145-12	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-2-020122	2202145-12	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-2-020122	2202145-12	Chloroform	2/4/2022	1.6	Y	y	v		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2-020122	2202145-12	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-19-2-020122	2202145-12	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-2-020122	2202145-12	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2-020122	2202145-12	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2-020122	2202145-12	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2-020122	2202145-12	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2-020122	2202145-12	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2-020122	2202145-12	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-2-020122	2202145-12	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-2-020122	2202145-12	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-3-020122	2202145-10	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3-020122	2202145-10	1,1-Dichloroethane	2/4/2022	0.24	Y	y	v j		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-3-020122	2202145-10	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-3-020122	2202145-10	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3-020122	2202145-10	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3-020122	2202145-10	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-3-020122	2202145-10	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3-020122	2202145-10	cis-1,2-Dichloroethene	2/4/2022	0.42	Y	y	v j		0.50	0.27	ug/L
MW-19-3-020122	2202145-10	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3-020122	2202145-10	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-19-3-020122	2202145-10	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-3-020122	2202145-10	Bromomethane	2/4/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-19-3-020122	2202145-10	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3-020122	2202145-10	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-3-020122	2202145-10	Chloroform	2/4/2022	3.3	Y	y	v		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3-020122	2202145-10	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-3-020122	2202145-10	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-3-020122	2202145-10	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-3-020122	2202145-10	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3-020122	2202145-10	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-3-020122	2202145-10	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-3-020122	2202145-10	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-3-020122	2202145-10	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-3-020122	2202145-10	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3-020122	2202145-10	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-19-3-020122	2202145-10	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-19-3-020122	2202145-10	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-3-020122	2202145-10	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-19-3-020122	2202145-10	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-3-020122	2202145-10	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-3-020122	2202145-10	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-19-3-020122	2202145-10	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-3-020122	2202145-10	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3-020122	2202145-10	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-19-3-020122	2202145-10	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3-020122	2202145-10	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-3-020122	2202145-10	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-3-020122	2202145-10	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-3-020122	2202145-10	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	Pentachloroethane	2/4/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-19-3-020122	2202145-10	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-3-020122	2202145-10	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3-020122	2202145-10	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3-020122	2202145-10	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-3-020122	2202145-10	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-3-020122	2202145-10	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-3-020122	2202145-10	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3-020122	2202145-10	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	Tetrachloroethene	2/4/2022	2.9	Y	y	v		0.50	0.23	ug/L
MW-19-3-020122	2202145-10	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3-020122	2202145-10	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3-020122	2202145-10	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-3-020122	2202145-10	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3-020122	2202145-10	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-3-020122	2202145-10	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-3-020122	2202145-10	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-3-020122	2202145-10	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3-020122	2202145-10	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3-020122	2202145-10	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3-020122	2202145-10	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-3-020122	2202145-10	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-3-020122	2202145-10	Trichloroethene	2/4/2022	0.97	Y	y	v		0.50	0.19	ug/L
MW-19-3-020122	2202145-10	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3-020122	2202145-10	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	Chloroform	2/4/2022	4.7	Y	y	v		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4-020122	2202145-09	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-4-020122	2202145-09	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-4-020122	2202145-09	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-4-020122	2202145-09	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4-020122	2202145-09	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4-020122	2202145-09	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4-020122	2202145-09	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-4-020122	2202145-09	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-4-020122	2202145-09	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-4-020122	2202145-09	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-4-020122	2202145-09	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-4-020122	2202145-09	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-4-020122	2202145-09	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-4-020122	2202145-09	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-19-4-020122	2202145-09	Trichloroethene	2/4/2022	1	Y	y	v		0.50	0.19	ug/L
MW-19-4-020122	2202145-09	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-4-020122	2202145-09	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-4-020122	2202145-09	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-4-020122	2202145-09	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4-020122	2202145-09	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4-020122	2202145-09	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-4-020122	2202145-09	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-19-4-020122	2202145-09	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4-020122	2202145-09	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4-020122	2202145-09	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-4-020122	2202145-09	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-4-020122	2202145-09	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-19-4-020122	2202145-09	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-19-4-020122	2202145-09	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-4-020122	2202145-09	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-19-4-020122	2202145-09	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-4-020122	2202145-09	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-4-020122	2202145-09	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-4-020122	2202145-09	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-4-020122	2202145-09	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-19-4-020122	2202145-09	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-4-020122	2202145-09	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-19-4-020122	2202145-09	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-4-020122	2202145-09	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4-020122	2202145-09	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4-020122	2202145-09	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4-020122	2202145-09	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4-020122	2202145-09	cis-1,2-Dichloroethene	2/4/2022	0.4	Y	y	v j		0.50	0.27	ug/L
MW-19-4-020122	2202145-09	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-4-020122	2202145-09	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4-020122	2202145-09	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-4-020122	2202145-09	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	1,1-Dichloroethane	2/4/2022	0.24	Y	y	v j		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-4-020122	2202145-09	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4-020122	2202145-09	Tetrachloroethene	2/4/2022	2.7	Y	y	v		0.50	0.23	ug/L
MW-19-4-020122	2202145-09	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4-020122	2202145-09	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-4-020122	2202145-09	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-4-020122	2202145-09	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4-020122	2202145-09	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4-020122	2202145-09	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-4-020122	2202145-09	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4-020122	2202145-09	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5-020122	2202145-08	Chloroform	2/4/2022	4.6	Y	y	v		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	Chloromethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-5-020122	2202145-08	2-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	4-Chlorotoluene	2/4/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-5-020122	2202145-08	Dibromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-5-020122	2202145-08	1,2-Dibromo-3-chloropropane	2/4/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-5-020122	2202145-08	Dibromomethane	2/4/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-5-020122	2202145-08	Chloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	Bromomethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5-020122	2202145-08	1,2-Dibromoethane	2/4/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-5-020122	2202145-08	Chlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	Carbon tetrachloride	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	tert-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5-020122	2202145-08	sec-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5-020122	2202145-08	n-Butylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	Bromoform	2/4/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-5-020122	2202145-08	Bromochloromethane	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5-020122	2202145-08	Benzene	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-5-020122	2202145-08	1,2-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5-020122	2202145-08	Bromobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	Acrylonitrile	2/4/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-5-020122	2202145-08	Ethyl methacrylate	2/4/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-5-020122	2202145-08	Diethyl ether	2/4/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-5-020122	2202145-08	trans-1,4-Dichloro-2-butene	2/4/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-5-020122	2202145-08	Carbon disulfide	2/4/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-5-020122	2202145-08	t-Butyl alcohol	2/4/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-5-020122	2202145-08	Trichlorofluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	Allyl chloride	2/4/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-5-020122	2202145-08	2-Hexanone	2/4/2022	10	Y	n	u		10	5.0	ug/L
MW-19-5-020122	2202145-08	Acetone	2/4/2022	10	Y	n	u		10	6.6	ug/L
MW-19-5-020122	2202145-08	Vinyl chloride	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5-020122	2202145-08	1,3,5-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	1,2,4-Trimethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5-020122	2202145-08	1,2,3-Trichloropropane	2/4/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-5-020122	2202145-08	t-Amyl Methyl ether	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5-020122	2202145-08	Pentachloroethane	2/4/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-5-020122	2202145-08	Nitrobenzene	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	1,1-Dichloropropanone	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	1-Chlorobutane	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	Chloroacetonitrile	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	o-Xylene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5-020122	2202145-08	p- & m-Xylenes	2/4/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-5-020122	2202145-08	Ethyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-5-020122	2202145-08	Propionitrile	2/4/2022	20	Y	n	u		20	6.2	ug/L
MW-19-5-020122	2202145-08	Hexachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-5-020122	2202145-08	Methyl methacrylate	2/4/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-5-020122	2202145-08	Methyl isobutyl ketone	2/4/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-5-020122	2202145-08	Methyl iodide	2/4/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-19-5-020122	2202145-08	Methyl ethyl ketone	2/4/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-5-020122	2202145-08	Methacrylonitrile	2/4/2022	10	Y	n	u		10	2.3	ug/L
MW-19-5-020122	2202145-08	Methyl acrylate	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	Tetrahydrofuran	2/4/2022	20	Y	n	u		20	5.2	ug/L
MW-19-5-020122	2202145-08	trans-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	Hexachlorobutadiene	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5-020122	2202145-08	Ethylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	trans-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5-020122	2202145-08	cis-1,3-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	1,1-Dichloropropene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5-020122	2202145-08	1,4-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-5-020122	2202145-08	Bromodichloromethane	2/4/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5-020122	2202145-08	Trichloroethene	2/4/2022	0.68	Y	y	v		0.50	0.19	ug/L
MW-19-5-020122	2202145-08	2,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5-020122	2202145-08	cis-1,2-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5-020122	2202145-08	1,1-Dichloroethene	2/4/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5-020122	2202145-08	1,2-Dichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	1,1-Dichloroethane	2/4/2022	0.19	Y	y	v j		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	Dichlorodifluoromethane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	2-Nitropropane	2/4/2022	0	Y	y	v				ug/L
MW-19-5-020122	2202145-08	1,3-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5-020122	2202145-08	Toluene	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	1,1,2-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5-020122	2202145-08	1,2-Dichloropropane	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	Isopropylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	1,1,1-Trichloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5-020122	2202145-08	1,2,3-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5-020122	2202145-08	Tetrachloroethene	2/4/2022	2.1	Y	y	v		0.50	0.23	ug/L
MW-19-5-020122	2202145-08	1,1,2,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5-020122	2202145-08	Methylene chloride	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5-020122	2202145-08	1,3-Dichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-5-020122	2202145-08	1,2,4-Trichlorobenzene	2/4/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5-020122	2202145-08	p-Isopropyltoluene	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	1,1,1,2-Tetrachloroethane	2/4/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5-020122	2202145-08	Methyl t-butyl ether	2/4/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5-020122	2202145-08	Naphthalene	2/4/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-5-020122	2202145-08	n-Propylbenzene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-5-020122	2202145-08	Styrene	2/4/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-1-020122	2202145-06	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-1-020122	2202145-06	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1-020122	2202145-06	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-1-020122	2202145-06	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-1-020122	2202145-06	Methyl t-butyl ether	2/3/2022	0.42	Y	y	v j		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1-020122	2202145-06	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1-020122	2202145-06	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1-020122	2202145-06	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1-020122	2202145-06	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-1-020122	2202145-06	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1-020122	2202145-06	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-1-020122	2202145-06	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1-020122	2202145-06	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-1-020122	2202145-06	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-1-020122	2202145-06	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-1-020122	2202145-06	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1-020122	2202145-06	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1-020122	2202145-06	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-1-020122	2202145-06	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Trichloroethene	2/3/2022	0.33	Y	y	v j		0.50	0.19	ug/L
MW-25-1-020122	2202145-06	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1-020122	2202145-06	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-1-020122	2202145-06	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-1-020122	2202145-06	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1-020122	2202145-06	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1-020122	2202145-06	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-1-020122	2202145-06	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1-020122	2202145-06	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-1-020122	2202145-06	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1-020122	2202145-06	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1-020122	2202145-06	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1-020122	2202145-06	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-1-020122	2202145-06	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-1-020122	2202145-06	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1-020122	2202145-06	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1-020122	2202145-06	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1-020122	2202145-06	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1-020122	2202145-06	Chloroform	2/3/2022	0.54	Y	y	v		0.50	0.14	ug/L
MW-25-1-020122	2202145-06	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1-020122	2202145-06	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-1-020122	2202145-06	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1-020122	2202145-06	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-1-020122	2202145-06	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-1-020122	2202145-06	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-1-020122	2202145-06	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1-020122	2202145-06	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1-020122	2202145-06	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-25-1-020122	2202145-06	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-1-020122	2202145-06	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-25-1-020122	2202145-06	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-25-1-020122	2202145-06	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1-020122	2202145-06	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-25-1-020122	2202145-06	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-1-020122	2202145-06	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1-020122	2202145-06	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-1-020122	2202145-06	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-1-020122	2202145-06	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-1-020122	2202145-06	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-25-1-020122	2202145-06	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-1-020122	2202145-06	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1-020122	2202145-06	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-1-020122	2202145-06	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-1-020122	2202145-06	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-1-020122	2202145-06	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-1-020122	2202145-06	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-1-020122	2202145-06	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-1-020122	2202145-06	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-2-020122	2202145-05	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2-020122	2202145-05	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2-020122	2202145-05	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2-020122	2202145-05	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-2-020122	2202145-05	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-2-020122	2202145-05	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2-020122	2202145-05	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-2-020122	2202145-05	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2-020122	2202145-05	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2-020122	2202145-05	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-2-020122	2202145-05	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-2-020122	2202145-05	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-2-020122	2202145-05	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-2-020122	2202145-05	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-2-020122	2202145-05	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2-020122	2202145-05	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-2-020122	2202145-05	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-2-020122	2202145-05	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-2-020122	2202145-05	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-2-020122	2202145-05	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-2-020122	2202145-05	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-2-020122	2202145-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2-020122	2202145-05	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-2-020122	2202145-05	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-2-020122	2202145-05	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-2-020122	2202145-05	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2-020122	2202145-05	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-2-020122	2202145-05	Tetrachloroethene	2/3/2022	0.24	Y	y	v j		0.50	0.23	ug/L
MW-25-2-020122	2202145-05	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2-020122	2202145-05	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2-020122	2202145-05	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2-020122	2202145-05	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2-020122	2202145-05	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-2-020122	2202145-05	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-2-020122	2202145-05	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2-020122	2202145-05	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-2-020122	2202145-05	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-2-020122	2202145-05	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2-020122	2202145-05	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-2-020122	2202145-05	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-2-020122	2202145-05	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2-020122	2202145-05	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-2-020122	2202145-05	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2-020122	2202145-05	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-2-020122	2202145-05	Chloroform	2/3/2022	0.16	Y	y	v j		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-2-020122	2202145-05	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2-020122	2202145-05	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-2-020122	2202145-05	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2-020122	2202145-05	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2-020122	2202145-05	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-2-020122	2202145-05	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2-020122	2202145-05	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-2-020122	2202145-05	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2-020122	2202145-05	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2-020122	2202145-05	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-2-020122	2202145-05	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2-020122	2202145-05	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2-020122	2202145-05	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-25-2-020122	2202145-05	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2-020122	2202145-05	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-2-020122	2202145-05	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-2-020122	2202145-05	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-2-020122	2202145-05	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-2-020122	2202145-05	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-3-020122	2202145-04	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3-020122	2202145-04	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-3-020122	2202145-04	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-3-020122	2202145-04	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-3-020122	2202145-04	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-3-020122	2202145-04	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3-020122	2202145-04	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-3-020122	2202145-04	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-3-020122	2202145-04	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-25-3-020122	2202145-04	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-3-020122	2202145-04	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-3-020122	2202145-04	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3-020122	2202145-04	Chloroform	2/3/2022	0.37	Y	y	v j		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3-020122	2202145-04	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-3-020122	2202145-04	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3-020122	2202145-04	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-3-020122	2202145-04	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-3-020122	2202145-04	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-3-020122	2202145-04	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-3-020122	2202145-04	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-3-020122	2202145-04	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-3-020122	2202145-04	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-3-020122	2202145-04	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-3-020122	2202145-04	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-3-020122	2202145-04	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-3-020122	2202145-04	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3-020122	2202145-04	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3-020122	2202145-04	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-3-020122	2202145-04	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3-020122	2202145-04	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-3-020122	2202145-04	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-3-020122	2202145-04	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-3-020122	2202145-04	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-3-020122	2202145-04	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-3-020122	2202145-04	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-3-020122	2202145-04	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3-020122	2202145-04	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-3-020122	2202145-04	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-3-020122	2202145-04	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-3-020122	2202145-04	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-3-020122	2202145-04	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-3-020122	2202145-04	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3-020122	2202145-04	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-3-020122	2202145-04	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3-020122	2202145-04	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3-020122	2202145-04	Tetrachloroethene	2/3/2022	2.1	Y	y	v		0.50	0.23	ug/L
MW-25-3-020122	2202145-04	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-3-020122	2202145-04	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3-020122	2202145-04	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3-020122	2202145-04	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3-020122	2202145-04	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-3-020122	2202145-04	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-3-020122	2202145-04	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-3-020122	2202145-04	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3-020122	2202145-04	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-3-020122	2202145-04	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3-020122	2202145-04	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3-020122	2202145-04	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3-020122	2202145-04	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3-020122	2202145-04	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3-020122	2202145-04	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-4-020122	2202145-03	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4-020122	2202145-03	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-4-020122	2202145-03	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-4-020122	2202145-03	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4-020122	2202145-03	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-4-020122	2202145-03	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4-020122	2202145-03	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-4-020122	2202145-03	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4-020122	2202145-03	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4-020122	2202145-03	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4-020122	2202145-03	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-4-020122	2202145-03	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-4-020122	2202145-03	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4-020122	2202145-03	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-4-020122	2202145-03	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-4-020122	2202145-03	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-4-020122	2202145-03	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-4-020122	2202145-03	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-4-020122	2202145-03	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-4-020122	2202145-03	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4-020122	2202145-03	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4-020122	2202145-03	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-4-020122	2202145-03	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4-020122	2202145-03	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-4-020122	2202145-03	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4-020122	2202145-03	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4-020122	2202145-03	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4-020122	2202145-03	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-4-020122	2202145-03	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-4-020122	2202145-03	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-4-020122	2202145-03	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-4-020122	2202145-03	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-4-020122	2202145-03	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4-020122	2202145-03	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-4-020122	2202145-03	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-4-020122	2202145-03	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4-020122	2202145-03	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-4-020122	2202145-03	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-4-020122	2202145-03	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-4-020122	2202145-03	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-4-020122	2202145-03	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-4-020122	2202145-03	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4-020122	2202145-03	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
MW-25-4-020122	2202145-03	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-4-020122	2202145-03	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-4-020122	2202145-03	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-4-020122	2202145-03	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-4-020122	2202145-03	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4-020122	2202145-03	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-4-020122	2202145-03	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4-020122	2202145-03	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4-020122	2202145-03	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4-020122	2202145-03	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-4-020122	2202145-03	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4-020122	2202145-03	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4-020122	2202145-03	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4-020122	2202145-03	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-5-020122	2202145-02	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-5-020122	2202145-02	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-5-020122	2202145-02	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-5-020122	2202145-02	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5-020122	2202145-02	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-5-020122	2202145-02	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-5-020122	2202145-02	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-5-020122	2202145-02	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5-020122	2202145-02	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5-020122	2202145-02	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5-020122	2202145-02	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5-020122	2202145-02	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5-020122	2202145-02	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-5-020122	2202145-02	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5-020122	2202145-02	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5-020122	2202145-02	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-5-020122	2202145-02	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-5-020122	2202145-02	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-5-020122	2202145-02	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
MW-25-5-020122	2202145-02	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-5-020122	2202145-02	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
MW-25-5-020122	2202145-02	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
MW-25-5-020122	2202145-02	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-5-020122	2202145-02	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-5-020122	2202145-02	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-5-020122	2202145-02	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-5-020122	2202145-02	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-5-020122	2202145-02	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-5-020122	2202145-02	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-5-020122	2202145-02	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-5-020122	2202145-02	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-5-020122	2202145-02	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-5-020122	2202145-02	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-5-020122	2202145-02	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-5-020122	2202145-02	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-5-020122	2202145-02	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-5-020122	2202145-02	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-5-020122	2202145-02	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-5-020122	2202145-02	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-5-020122	2202145-02	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
MW-25-5-020122	2202145-02	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-5-020122	2202145-02	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
MW-25-5-020122	2202145-02	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5-020122	2202145-02	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5-020122	2202145-02	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-5-020122	2202145-02	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5-020122	2202145-02	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5-020122	2202145-02	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5-020122	2202145-02	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-5-020122	2202145-02	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5-020122	2202145-02	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-5-020122	2202145-02	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-5-020122	2202145-02	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-5-020122	2202145-02	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-5-020122	2202145-02	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-5-020122	2202145-02	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5-020122	2202145-02	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-25-5-020122	2202145-02	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5-020122	2202145-02	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5-020122	2202145-02	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5-020122	2202145-02	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5-020122	2202145-02	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5-020122	2202145-02	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-5-020122	2202145-02	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5-020122	2202145-02	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5-020122	2202145-02	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5-020122	2202145-02	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-5-020122	2202145-02	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-020122	2202145-01	Chloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	1,2-Dibromo-3-chloropropane	2/3/2022	1	Y	n	u		1.0	0.89	ug/L
TB-2-020122	2202145-01	1,3-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-2-020122	2202145-01	1,2-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-020122	2202145-01	Dibromomethane	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-2-020122	2202145-01	1,2-Dibromoethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-2-020122	2202145-01	Dibromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-2-020122	2202145-01	4-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-2-020122	2202145-01	2-Chlorotoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	1,4-Dichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	Chloroform	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	Nitrobenzene	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	Chlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-2-020122	2202145-01	Chloromethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-020122	2202145-01	Dichlorodifluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	tert-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-020122	2202145-01	sec-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-020122	2202145-01	1,2-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	Carbon tetrachloride	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	1,1-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-020122	2202145-01	cis-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-020122	2202145-01	n-Butylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	Bromomethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-020122	2202145-01	Bromoform	2/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-2-020122	2202145-01	Bromodichloromethane	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-020122	2202145-01	Bromochloromethane	2/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-020122	2202145-01	Bromobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	1,1-Dichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	Methyl ethyl ketone	2/3/2022	5	Y	n	u		5.0	3.3	ug/L
TB-2-020122	2202145-01	Vinyl chloride	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-020122	2202145-01	Acetone	2/3/2022	10	Y	n	u		10	6.6	ug/L
TB-2-020122	2202145-01	Acrylonitrile	2/3/2022	5	Y	n	u		5.0	1.5	ug/L
TB-2-020122	2202145-01	Allyl chloride	2/3/2022	5	Y	n	u		5.0	0.47	ug/L
TB-2-020122	2202145-01	t-Amyl Methyl ether	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-020122	2202145-01	t-Butyl alcohol	2/3/2022	2	Y	n	u		2.0	2.0	ug/L
TB-2-020122	2202145-01	Carbon disulfide	2/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-2-020122	2202145-01	trans-1,4-Dichloro-2-butene	2/3/2022	5	Y	n	u		5.0	1.8	ug/L
TB-2-020122	2202145-01	Diethyl ether	2/3/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-2-020122	2202145-01	Ethyl methacrylate	2/3/2022	4	Y	n	u		4.0	1.3	ug/L
TB-2-020122	2202145-01	Ethyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-2-020122	2202145-01	Hexachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-020122	2202145-01	1,1-Dichloropropanone	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	Methacrylonitrile	2/3/2022	10	Y	n	u		10	2.3	ug/L
TB-2-020122	2202145-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-020122	2202145-01	Methyl iodide	2/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-2-020122	2202145-01	Methyl isobutyl ketone	2/3/2022	5	Y	n	u		5.0	2.4	ug/L
TB-2-020122	2202145-01	Methyl methacrylate	2/3/2022	5	Y	n	u		5.0	1.2	ug/L
TB-2-020122	2202145-01	Pentachloroethane	2/3/2022	2	Y	n	u		2.0	0.63	ug/L
TB-2-020122	2202145-01	Propionitrile	2/3/2022	20	Y	n	u		20	6.2	ug/L
TB-2-020122	2202145-01	Tetrahydrofuran	2/3/2022	20	Y	n	u		20	5.2	ug/L
TB-2-020122	2202145-01	p- & m-Xylenes	2/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-2-020122	2202145-01	o-Xylene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-020122	2202145-01	Chloroacetonitrile	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	1-Chlorobutane	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	Methyl acrylate	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	2-Nitropropane	2/3/2022	0	Y	y	v				ug/L
TB-2-020122	2202145-01	2-Hexanone	2/3/2022	10	Y	n	u		10	5.0	ug/L
TB-2-020122	2202145-01	n-Propylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-2-020122	2202145-01	trans-1,2-Dichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	1,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	1,3-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-020122	2202145-01	2,2-Dichloropropane	2/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-020122	2202145-01	1,1-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202145

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-2-020122	2202145-01	cis-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	trans-1,3-Dichloropropene	2/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-020122	2202145-01	Ethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	Hexachlorobutadiene	2/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-020122	2202145-01	Isopropylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	p-Isopropyltoluene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	Methylene chloride	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-020122	2202145-01	1,3,5-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	Naphthalene	2/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-2-020122	2202145-01	1,2,4-Trimethylbenzene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	Styrene	2/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-2-020122	2202145-01	1,1,1,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-020122	2202145-01	1,1,2,2-Tetrachloroethane	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	Tetrachloroethene	2/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-2-020122	2202145-01	Toluene	2/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-020122	2202145-01	1,2,3-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-020122	2202145-01	1,2,4-Trichlorobenzene	2/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-020122	2202145-01	1,1,1-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-020122	2202145-01	1,1,2-Trichloroethane	2/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-020122	2202145-01	Trichloroethene	2/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-020122	2202145-01	Trichlorofluoromethane	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-020122	2202145-01	1,2,3-Trichloropropane	2/3/2022	1	Y	n	u		1.0	0.78	ug/L
TB-2-020122	2202145-01	Benzene	2/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-020122	2202145-01	Methyl t-butyl ether	2/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

NASA JPL, 1Q2022 - LDC 54407

SDG: 2202498

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	Total Recoverable Chromium	2/10/2022	0.8	Y	y	v j		3.0	0.50	ug/L
MW-14-2-020422	2202498-05	Total Recoverable Chromium	2/10/2022	0.88	Y	y	v j		3.0	0.50	ug/L
MW-14-3-020422	2202498-04	Total Recoverable Chromium	2/10/2022	0.94	Y	y	v j		3.0	0.50	ug/L
MW-26-2-020422	2202498-06	Total Recoverable Chromium	2/10/2022	1.5	Y	y	v j		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	Hexavalent Chromium	2/9/2022	0.000068	Y	y	v j		0.0002	0.0000	mg/L
MW-14-2-020422	2202498-05	Hexavalent Chromium	2/9/2022	0.00017	Y	y	v j	U	0.0002	0.0000	mg/L
MW-14-3-020422	2202498-04	Hexavalent Chromium	2/9/2022	0.00024	Y	y	v		0.0002	0.0000	mg/L
MW-26-2-020422	2202498-06	Hexavalent Chromium	2/9/2022	0.000058	Y	y	v j	U	0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-020422	2202498-07	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
EB-5-020422	2202498-07	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
EB-5-020422	2202498-07	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
EB-5-020422	2202498-07	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-020422	2202498-07	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-5-020422	2202498-07	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-020422	2202498-07	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
EB-5-020422	2202498-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
EB-5-020422	2202498-07	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
EB-5-020422	2202498-07	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-020422	2202498-07	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
EB-5-020422	2202498-07	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-020422	2202498-07	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-020422	2202498-07	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
EB-5-020422	2202498-07	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
EB-5-020422	2202498-07	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-020422	2202498-07	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-5-020422	2202498-07	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-5-020422	2202498-07	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
EB-5-020422	2202498-07	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
EB-5-020422	2202498-07	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
EB-5-020422	2202498-07	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
EB-5-020422	2202498-07	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-5-020422	2202498-07	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
EB-5-020422	2202498-07	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-5-020422	2202498-07	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-5-020422	2202498-07	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-5-020422	2202498-07	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
EB-5-020422	2202498-07	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
EB-5-020422	2202498-07	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-5-020422	2202498-07	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-020422	2202498-07	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-5-020422	2202498-07	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-5-020422	2202498-07	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
EB-5-020422	2202498-07	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-5-020422	2202498-07	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-5-020422	2202498-07	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-020422	2202498-07	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-020422	2202498-07	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
EB-5-020422	2202498-07	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-5-020422	2202498-07	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-5-020422	2202498-07	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-5-020422	2202498-07	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
EB-5-020422	2202498-07	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-020422	2202498-07	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-5-020422	2202498-07	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-020422	2202498-07	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-020422	2202498-07	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-5-020422	2202498-07	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-5-020422	2202498-07	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-020422	2202498-07	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-020422	2202498-07	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-020422	2202498-07	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-020422	2202498-07	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-5-020422	2202498-07	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-5-020422	2202498-07	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-020422	2202498-07	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-020422	2202498-07	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-5-020422	2202498-07	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	Trichloroethene	2/10/2022	1.8	Y	y	v		0.50	0.19	ug/L
MW-14-2-020422	2202498-05	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	Tetrachloroethene	2/10/2022	0.55	Y	y	v		0.50	0.23	ug/L
MW-14-2-020422	2202498-05	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2-020422	2202498-05	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2-020422	2202498-05	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2-020422	2202498-05	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2-020422	2202498-05	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-2-020422	2202498-05	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-2-020422	2202498-05	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2-020422	2202498-05	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-14-2-020422	2202498-05	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2-020422	2202498-05	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-2-020422	2202498-05	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2-020422	2202498-05	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-2-020422	2202498-05	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2-020422	2202498-05	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-2-020422	2202498-05	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-2-020422	2202498-05	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2-020422	2202498-05	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2-020422	2202498-05	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2-020422	2202498-05	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2-020422	2202498-05	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2-020422	2202498-05	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-2-020422	2202498-05	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2-020422	2202498-05	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-2-020422	2202498-05	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2-020422	2202498-05	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-14-2-020422	2202498-05	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2-020422	2202498-05	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-2-020422	2202498-05	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-14-2-020422	2202498-05	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-2-020422	2202498-05	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-2-020422	2202498-05	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-2-020422	2202498-05	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-2-020422	2202498-05	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-2-020422	2202498-05	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-2-020422	2202498-05	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-14-2-020422	2202498-05	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-14-2-020422	2202498-05	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-2-020422	2202498-05	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-2-020422	2202498-05	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-2-020422	2202498-05	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-2-020422	2202498-05	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-2-020422	2202498-05	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-2-020422	2202498-05	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-2-020422	2202498-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2-020422	2202498-05	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-14-2-020422	2202498-05	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-14-2-020422	2202498-05	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-2-020422	2202498-05	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2-020422	2202498-05	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2-020422	2202498-05	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2-020422	2202498-05	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	Chloroform	2/10/2022	0.65	Y	y	v		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-14-2-020422	2202498-05	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2-020422	2202498-05	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-2-020422	2202498-05	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-2-020422	2202498-05	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2-020422	2202498-05	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2-020422	2202498-05	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-2-020422	2202498-05	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2-020422	2202498-05	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2-020422	2202498-05	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-2-020422	2202498-05	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2-020422	2202498-05	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-2-020422	2202498-05	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-2-020422	2202498-05	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-2-020422	2202498-05	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-2-020422	2202498-05	1,1-Dichloroethane	2/10/2022	0.15	Y	y	v j		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3-020422	2202498-04	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3-020422	2202498-04	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3-020422	2202498-04	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	1,1-Dichloroethane	2/10/2022	0.4	Y	y	v j		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3-020422	2202498-04	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-3-020422	2202498-04	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3-020422	2202498-04	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-3-020422	2202498-04	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3-020422	2202498-04	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-14-3-020422	2202498-04	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	Tetrachloroethene	2/10/2022	0.94	Y	y	v		0.50	0.23	ug/L
MW-14-3-020422	2202498-04	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-3-020422	2202498-04	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3-020422	2202498-04	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-3-020422	2202498-04	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-3-020422	2202498-04	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-14-3-020422	2202498-04	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3-020422	2202498-04	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3-020422	2202498-04	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3-020422	2202498-04	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	Chloroform	2/10/2022	0.68	Y	y	v		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-3-020422	2202498-04	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-3-020422	2202498-04	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-3-020422	2202498-04	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-3-020422	2202498-04	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-3-020422	2202498-04	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-3-020422	2202498-04	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3-020422	2202498-04	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-3-020422	2202498-04	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3-020422	2202498-04	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-3-020422	2202498-04	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-3-020422	2202498-04	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-3-020422	2202498-04	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-3-020422	2202498-04	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-3-020422	2202498-04	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-3-020422	2202498-04	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3-020422	2202498-04	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-14-3-020422	2202498-04	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-3-020422	2202498-04	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-3-020422	2202498-04	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-3-020422	2202498-04	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-3-020422	2202498-04	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-3-020422	2202498-04	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-14-3-020422	2202498-04	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-3-020422	2202498-04	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-3-020422	2202498-04	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3-020422	2202498-04	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-14-3-020422	2202498-04	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3-020422	2202498-04	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-3-020422	2202498-04	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3-020422	2202498-04	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-3-020422	2202498-04	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-3-020422	2202498-04	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-3-020422	2202498-04	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-3-020422	2202498-04	1,2,3-Trichlorobenzene	2/10/2022	0.25	Y	y	v j		0.50	0.19	ug/L
MW-14-3-020422	2202498-04	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3-020422	2202498-04	Trichloroethene	2/10/2022	1.2	Y	y	v		0.50	0.19	ug/L
MW-14-3-020422	2202498-04	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-3-020422	2202498-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3-020422	2202498-04	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3-020422	2202498-04	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3-020422	2202498-04	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3-020422	2202498-04	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-14-3-020422	2202498-04	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-4-020422	2202498-03	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4-020422	2202498-03	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-4-020422	2202498-03	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4-020422	2202498-03	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-4-020422	2202498-03	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4-020422	2202498-03	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-4-020422	2202498-03	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-14-4-020422	2202498-03	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-4-020422	2202498-03	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Chloroform	2/10/2022	0.31	Y	y	v j		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-4-020422	2202498-03	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4-020422	2202498-03	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-4-020422	2202498-03	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-4-020422	2202498-03	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	Tetrachloroethene	2/10/2022	0.3	Y	y	v j		0.50	0.23	ug/L
MW-14-4-020422	2202498-03	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4-020422	2202498-03	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-4-020422	2202498-03	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-4-020422	2202498-03	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-4-020422	2202498-03	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4-020422	2202498-03	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4-020422	2202498-03	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-4-020422	2202498-03	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4-020422	2202498-03	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4-020422	2202498-03	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-4-020422	2202498-03	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4-020422	2202498-03	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-14-4-020422	2202498-03	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-4-020422	2202498-03	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4-020422	2202498-03	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-4-020422	2202498-03	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-4-020422	2202498-03	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-4-020422	2202498-03	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-4-020422	2202498-03	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-4-020422	2202498-03	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-4-020422	2202498-03	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-4-020422	2202498-03	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-4-020422	2202498-03	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-14-4-020422	2202498-03	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-4-020422	2202498-03	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-4-020422	2202498-03	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-4-020422	2202498-03	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-4-020422	2202498-03	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-4-020422	2202498-03	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-14-4-020422	2202498-03	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-14-4-020422	2202498-03	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-4-020422	2202498-03	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-14-4-020422	2202498-03	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-4-020422	2202498-03	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-4-020422	2202498-03	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-14-4-020422	2202498-03	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4-020422	2202498-03	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-4-020422	2202498-03	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-4-020422	2202498-03	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-4-020422	2202498-03	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4-020422	2202498-03	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4-020422	2202498-03	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4-020422	2202498-03	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4-020422	2202498-03	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4-020422	2202498-03	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-14-4-020422	2202498-03	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4-020422	2202498-03	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-4-020422	2202498-03	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4-020422	2202498-03	Trichloroethene	2/10/2022	0.34	Y	y	v j		0.50	0.19	ug/L
MW-14-4-020422	2202498-03	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5-020422	2202498-02	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-14-5-020422	2202498-02	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-14-5-020422	2202498-02	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-5-020422	2202498-02	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-5-020422	2202498-02	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-14-5-020422	2202498-02	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-5-020422	2202498-02	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-5-020422	2202498-02	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-5-020422	2202498-02	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-5-020422	2202498-02	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-5-020422	2202498-02	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-14-5-020422	2202498-02	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-14-5-020422	2202498-02	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-5-020422	2202498-02	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-14-5-020422	2202498-02	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-14-5-020422	2202498-02	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-14-5-020422	2202498-02	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-14-5-020422	2202498-02	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-5-020422	2202498-02	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5-020422	2202498-02	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5-020422	2202498-02	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-5-020422	2202498-02	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-5-020422	2202498-02	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-5-020422	2202498-02	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-5-020422	2202498-02	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5-020422	2202498-02	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-5-020422	2202498-02	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-5-020422	2202498-02	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5-020422	2202498-02	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-5-020422	2202498-02	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-5-020422	2202498-02	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5-020422	2202498-02	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-5-020422	2202498-02	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-5-020422	2202498-02	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5-020422	2202498-02	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5-020422	2202498-02	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-5-020422	2202498-02	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5-020422	2202498-02	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-5-020422	2202498-02	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-5-020422	2202498-02	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-14-5-020422	2202498-02	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-5-020422	2202498-02	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5-020422	2202498-02	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-5-020422	2202498-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5-020422	2202498-02	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5-020422	2202498-02	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5-020422	2202498-02	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-14-5-020422	2202498-02	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-5-020422	2202498-02	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-5-020422	2202498-02	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5-020422	2202498-02	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-5-020422	2202498-02	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-5-020422	2202498-02	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-5-020422	2202498-02	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5-020422	2202498-02	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-14-5-020422	2202498-02	Chloroform	2/10/2022	0.16	Y	y	v j		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5-020422	2202498-02	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5-020422	2202498-02	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5-020422	2202498-02	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5-020422	2202498-02	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-5-020422	2202498-02	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-14-5-020422	2202498-02	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-5-020422	2202498-02	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-5-020422	2202498-02	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-5-020422	2202498-02	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5-020422	2202498-02	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2-020422	2202498-06	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-26-2-020422	2202498-06	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-26-2-020422	2202498-06	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-26-2-020422	2202498-06	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-26-2-020422	2202498-06	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2-020422	2202498-06	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-26-2-020422	2202498-06	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-26-2-020422	2202498-06	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-26-2-020422	2202498-06	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2-020422	2202498-06	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2-020422	2202498-06	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2-020422	2202498-06	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Trichloroethene	2/10/2022	0.29	Y	y	v j		0.50	0.19	ug/L
MW-26-2-020422	2202498-06	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2-020422	2202498-06	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2-020422	2202498-06	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2-020422	2202498-06	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	Tetrachloroethene	2/10/2022	2	Y	y	v		0.50	0.23	ug/L
MW-26-2-020422	2202498-06	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-26-2-020422	2202498-06	Chloroform	2/10/2022	1.8	Y	y	v		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2-020422	2202498-06	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-26-2-020422	2202498-06	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-26-2-020422	2202498-06	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-26-2-020422	2202498-06	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-26-2-020422	2202498-06	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-26-2-020422	2202498-06	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-26-2-020422	2202498-06	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-26-2-020422	2202498-06	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-26-2-020422	2202498-06	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-26-2-020422	2202498-06	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
MW-26-2-020422	2202498-06	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-26-2-020422	2202498-06	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-26-2-020422	2202498-06	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-26-2-020422	2202498-06	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-26-2-020422	2202498-06	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-26-2-020422	2202498-06	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-26-2-020422	2202498-06	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-26-2-020422	2202498-06	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-26-2-020422	2202498-06	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2-020422	2202498-06	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-26-2-020422	2202498-06	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2-020422	2202498-06	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-26-2-020422	2202498-06	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-26-2-020422	2202498-06	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-26-2-020422	2202498-06	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-26-2-020422	2202498-06	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-26-2-020422	2202498-06	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-26-2-020422	2202498-06	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-26-2-020422	2202498-06	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2-020422	2202498-06	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2-020422	2202498-06	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-26-2-020422	2202498-06	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-26-2-020422	2202498-06	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-26-2-020422	2202498-06	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2-020422	2202498-06	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-26-2-020422	2202498-06	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-26-2-020422	2202498-06	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-26-2-020422	2202498-06	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2-020422	2202498-06	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-26-2-020422	2202498-06	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-26-2-020422	2202498-06	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2-020422	2202498-06	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2-020422	2202498-06	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2-020422	2202498-06	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2-020422	2202498-06	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	cis-1,2-Dichloroethene	2/10/2022	0.27	Y	y	v j		0.50	0.27	ug/L
MW-26-2-020422	2202498-06	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-26-2-020422	2202498-06	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2-020422	2202498-06	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-26-2-020422	2202498-06	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-020422	2202498-01	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-020422	2202498-01	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
TB-5-020422	2202498-01	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
TB-5-020422	2202498-01	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
TB-5-020422	2202498-01	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
TB-5-020422	2202498-01	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-5-020422	2202498-01	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-020422	2202498-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-020422	2202498-01	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
TB-5-020422	2202498-01	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-5-020422	2202498-01	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-020422	2202498-01	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-020422	2202498-01	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
TB-5-020422	2202498-01	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
TB-5-020422	2202498-01	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-5-020422	2202498-01	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-020422	2202498-01	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
TB-5-020422	2202498-01	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-5-020422	2202498-01	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-020422	2202498-01	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-5-020422	2202498-01	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
TB-5-020422	2202498-01	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
TB-5-020422	2202498-01	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
TB-5-020422	2202498-01	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
TB-5-020422	2202498-01	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-5-020422	2202498-01	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
TB-5-020422	2202498-01	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
TB-5-020422	2202498-01	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-5-020422	2202498-01	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-5-020422	2202498-01	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-5-020422	2202498-01	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
TB-5-020422	2202498-01	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
TB-5-020422	2202498-01	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-020422	2202498-01	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-020422	2202498-01	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-5-020422	2202498-01	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-5-020422	2202498-01	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
TB-5-020422	2202498-01	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-5-020422	2202498-01	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-5-020422	2202498-01	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-020422	2202498-01	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-020422	2202498-01	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
TB-5-020422	2202498-01	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-5-020422	2202498-01	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-5-020422	2202498-01	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202498

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-5-020422	2202498-01	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
TB-5-020422	2202498-01	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-5-020422	2202498-01	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-5-020422	2202498-01	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-5-020422	2202498-01	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-020422	2202498-01	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-020422	2202498-01	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-5-020422	2202498-01	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-5-020422	2202498-01	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-020422	2202498-01	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-020422	2202498-01	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-020422	2202498-01	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-020422	2202498-01	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-020422	2202498-01	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-020422	2202498-01	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-020422	2202498-01	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-020422	2202498-01	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-020422	2202498-01	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

NASA JPL, 1Q2022 - LDC 54407

SDG: 2202850

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	Total Recoverable Chromium	2/14/2022	1.5	Y	y	v j		3.0	0.50	ug/L
DUP-6-1Q22	2202850-08	Total Recoverable Chromium	2/14/2022	3.1	Y	y	v		3.0	0.50	ug/L
EB-7-020822	2202850-10	Total Recoverable Chromium	2/14/2022	3	Y	n	u		3.0	0.50	ug/L
MW-23-2	2202850-04	Total Recoverable Chromium	2/14/2022	1.8	Y	y	v j		3.0	0.50	ug/L
MW-23-3	2202850-03	Total Recoverable Chromium	2/14/2022	3.1	Y	y	v		3.0	0.50	ug/L
MW-23-4	2202850-02	Total Recoverable Chromium	2/14/2022	3.9	Y	y	v		3.0	0.50	ug/L
MW-3-2	2202850-09	Total Recoverable Chromium	2/14/2022	0.97	Y	y	v j		3.0	0.50	ug/L
MW-3-3	2202850-07	Total Recoverable Chromium	2/14/2022	6.3	Y	y	v		3.0	0.50	ug/L
MW-3-4	2202850-06	Total Recoverable Chromium	2/14/2022	61	Y	y	v		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	Hexavalent Chromium	2/14/2022	0.0015	Y	y	v		0.0002	0.0000	mg/L
DUP-6-1Q22	2202850-08	Hexavalent Chromium	2/14/2022	0.00069	Y	y	v		0.0002	0.0000	mg/L
EB-7-020822	2202850-10	Hexavalent Chromium	2/14/2022	0.000091	Y	y	v j	U	0.0002	0.0000	mg/L
MW-23-2	2202850-04	Hexavalent Chromium	2/14/2022	0.0015	Y	y	v	J	0.0002	0.0000	mg/L
MW-23-3	2202850-03	Hexavalent Chromium	2/14/2022	0.0028	Y	y	v	J	0.0002	0.0000	mg/L
MW-23-4	2202850-02	Hexavalent Chromium	2/14/2022	0.0041	Y	y	v		0.0002	0.0000	mg/L
MW-3-2	2202850-09	Hexavalent Chromium	2/14/2022	0.00062	Y	y	v		0.0002	0.0000	mg/L
MW-3-3	2202850-07	Hexavalent Chromium	2/14/2022	0.00067	Y	y	v		0.0002	0.0000	mg/L
MW-3-4	2202850-06	Hexavalent Chromium	2/14/2022	0.00061	Y	y	v		0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-5-1Q22	2202850-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-1Q22	2202850-05	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-1Q22	2202850-05	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
DUP-5-1Q22	2202850-05	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-5-1Q22	2202850-05	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-5-1Q22	2202850-05	Trichloroethene	2/11/2022	2.2	Y	y	v		0.50	0.19	ug/L
DUP-5-1Q22	2202850-05	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-5-1Q22	2202850-05	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-1Q22	2202850-05	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-5-1Q22	2202850-05	1,2,3-Trichlorobenzene	2/11/2022	0.21	Y	y	v j		0.50	0.19	ug/L
DUP-5-1Q22	2202850-05	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	Tetrachloroethene	2/11/2022	0.98	Y	y	v		0.50	0.23	ug/L
DUP-5-1Q22	2202850-05	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-1Q22	2202850-05	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-5-1Q22	2202850-05	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-1Q22	2202850-05	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-5-1Q22	2202850-05	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
DUP-5-1Q22	2202850-05	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
DUP-5-1Q22	2202850-05	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
DUP-5-1Q22	2202850-05	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
DUP-5-1Q22	2202850-05	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
DUP-5-1Q22	2202850-05	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-5-1Q22	2202850-05	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-5-1Q22	2202850-05	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-5-1Q22	2202850-05	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-5-1Q22	2202850-05	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-5-1Q22	2202850-05	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-5-1Q22	2202850-05	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-5-1Q22	2202850-05	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
DUP-5-1Q22	2202850-05	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
DUP-5-1Q22	2202850-05	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-5-1Q22	2202850-05	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-5-1Q22	2202850-05	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
DUP-5-1Q22	2202850-05	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-5-1Q22	2202850-05	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-5-1Q22	2202850-05	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
DUP-5-1Q22	2202850-05	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-1Q22	2202850-05	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-5-1Q22	2202850-05	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-5-1Q22	2202850-05	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-5-1Q22	2202850-05	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-5-1Q22	2202850-05	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	Chloroform	2/11/2022	0.99	Y	y	v		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-5-1Q22	2202850-05	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-5-1Q22	2202850-05	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-1Q22	2202850-05	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
DUP-5-1Q22	2202850-05	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-5-1Q22	2202850-05	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-1Q22	2202850-05	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-5-1Q22	2202850-05	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-5-1Q22	2202850-05	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-1Q22	2202850-05	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-5-1Q22	2202850-05	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-1Q22	2202850-05	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-1Q22	2202850-05	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-1Q22	2202850-05	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-1Q22	2202850-05	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-1Q22	2202850-05	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-1Q22	2202850-05	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-1Q22	2202850-05	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	1,1-Dichloroethane	2/11/2022	0.4	Y	y	v j		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-1Q22	2202850-05	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-1Q22	2202850-05	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-1Q22	2202850-05	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-1Q22	2202850-05	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-6-1Q22	2202850-08	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-6-1Q22	2202850-08	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-6-1Q22	2202850-08	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-6-1Q22	2202850-08	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-6-1Q22	2202850-08	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6-1Q22	2202850-08	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-6-1Q22	2202850-08	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-6-1Q22	2202850-08	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-6-1Q22	2202850-08	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-6-1Q22	2202850-08	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
DUP-6-1Q22	2202850-08	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-6-1Q22	2202850-08	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6-1Q22	2202850-08	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-6-1Q22	2202850-08	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-6-1Q22	2202850-08	Trichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6-1Q22	2202850-08	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6-1Q22	2202850-08	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-6-1Q22	2202850-08	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-6-1Q22	2202850-08	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6-1Q22	2202850-08	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
DUP-6-1Q22	2202850-08	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
DUP-6-1Q22	2202850-08	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6-1Q22	2202850-08	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6-1Q22	2202850-08	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
DUP-6-1Q22	2202850-08	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-6-1Q22	2202850-08	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-6-1Q22	2202850-08	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-6-1Q22	2202850-08	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-6-1Q22	2202850-08	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-6-1Q22	2202850-08	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
DUP-6-1Q22	2202850-08	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
DUP-6-1Q22	2202850-08	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6-1Q22	2202850-08	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6-1Q22	2202850-08	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-6-1Q22	2202850-08	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-6-1Q22	2202850-08	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-6-1Q22	2202850-08	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-6-1Q22	2202850-08	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-6-1Q22	2202850-08	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6-1Q22	2202850-08	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	1,1-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6-1Q22	2202850-08	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
DUP-6-1Q22	2202850-08	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6-1Q22	2202850-08	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-6-1Q22	2202850-08	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-6-1Q22	2202850-08	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	Chloroform	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-6-1Q22	2202850-08	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-6-1Q22	2202850-08	Tetrachloroethene	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-6-1Q22	2202850-08	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6-1Q22	2202850-08	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-6-1Q22	2202850-08	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-6-1Q22	2202850-08	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-6-1Q22	2202850-08	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6-1Q22	2202850-08	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-6-1Q22	2202850-08	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6-1Q22	2202850-08	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6-1Q22	2202850-08	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6-1Q22	2202850-08	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6-1Q22	2202850-08	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6-1Q22	2202850-08	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6-1Q22	2202850-08	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6-1Q22	2202850-08	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6-1Q22	2202850-08	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-7-020822	2202850-10	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-7-020822	2202850-10	1,1-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-7-020822	2202850-10	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-7-020822	2202850-10	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-7-020822	2202850-10	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-7-020822	2202850-10	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-7-020822	2202850-10	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-7-020822	2202850-10	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-7-020822	2202850-10	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-7-020822	2202850-10	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Methylene chloride	2/11/2022	0.3	Y	y	v j	U	0.50	0.21	ug/L
EB-7-020822	2202850-10	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-7-020822	2202850-10	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-7-020822	2202850-10	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-7-020822	2202850-10	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-7-020822	2202850-10	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-7-020822	2202850-10	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-7-020822	2202850-10	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-7-020822	2202850-10	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-7-020822	2202850-10	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-7-020822	2202850-10	Chloroform	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-7-020822	2202850-10	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-7-020822	2202850-10	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-7-020822	2202850-10	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
EB-7-020822	2202850-10	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-7-020822	2202850-10	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-7-020822	2202850-10	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-7-020822	2202850-10	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-7-020822	2202850-10	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
EB-7-020822	2202850-10	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
EB-7-020822	2202850-10	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-7-020822	2202850-10	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-7-020822	2202850-10	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
EB-7-020822	2202850-10	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
EB-7-020822	2202850-10	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
EB-7-020822	2202850-10	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-7-020822	2202850-10	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-7-020822	2202850-10	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
EB-7-020822	2202850-10	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
EB-7-020822	2202850-10	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
EB-7-020822	2202850-10	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
EB-7-020822	2202850-10	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-7-020822	2202850-10	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
EB-7-020822	2202850-10	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
EB-7-020822	2202850-10	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
EB-7-020822	2202850-10	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
EB-7-020822	2202850-10	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
EB-7-020822	2202850-10	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
EB-7-020822	2202850-10	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
EB-7-020822	2202850-10	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-7-020822	2202850-10	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	Tetrachloroethene	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-7-020822	2202850-10	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-7-020822	2202850-10	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-7-020822	2202850-10	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-7-020822	2202850-10	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-7-020822	2202850-10	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
EB-7-020822	2202850-10	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-7-020822	2202850-10	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-7-020822	2202850-10	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-7-020822	2202850-10	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-7-020822	2202850-10	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-7-020822	2202850-10	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
EB-7-020822	2202850-10	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
EB-7-020822	2202850-10	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
EB-7-020822	2202850-10	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-7-020822	2202850-10	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-7-020822	2202850-10	Trichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-7-020822	2202850-10	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	Trichloroethene	2/11/2022	1	Y	y	v		0.50	0.19	ug/L
MW-23-2	2202850-04	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2202850-04	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-23-2	2202850-04	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2202850-04	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
MW-23-2	2202850-04	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2202850-04	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2202850-04	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-2	2202850-04	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2202850-04	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	Tetrachloroethene	2/11/2022	0.49	Y	y	v j		0.50	0.23	ug/L
MW-23-2	2202850-04	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2202850-04	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
MW-23-2	2202850-04	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-23-2	2202850-04	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-23-2	2202850-04	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
MW-23-2	2202850-04	Pentachloroethane	2/11/2022	2	Y	n	u		2.0	0.63	ug/L
MW-23-2	2202850-04	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-23-2	2202850-04	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-23-2	2202850-04	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-23-2	2202850-04	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
MW-23-2	2202850-04	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
MW-23-2	2202850-04	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-23-2	2202850-04	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-2	2202850-04	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-23-2	2202850-04	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-23-2	2202850-04	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-23-2	2202850-04	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-23-2	2202850-04	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2202850-04	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-23-2	2202850-04	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-2	2202850-04	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-2	2202850-04	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-2	2202850-04	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-2	2202850-04	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-2	2202850-04	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-23-2	2202850-04	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-2	2202850-04	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-23-2	2202850-04	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Chloromethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
MW-23-2	2202850-04	Chloroform	2/11/2022	0.54	Y	y	v		0.50	0.14	ug/L
MW-23-2	2202850-04	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2202850-04	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-2	2202850-04	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-2	2202850-04	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2202850-04	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-23-2	2202850-04	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-23-2	2202850-04	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-2	2202850-04	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2202850-04	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-2	2202850-04	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-2	2202850-04	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
MW-23-2	2202850-04	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2202850-04	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-2	2202850-04	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2202850-04	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-2	2202850-04	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2202850-04	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-2	2202850-04	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2202850-04	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2202850-04	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2202850-04	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2202850-04	1,1-Dichloroethane	2/11/2022	0.18	Y	y	v j		0.50	0.15	ug/L
MW-23-2	2202850-04	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2202850-04	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2202850-04	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-23-3	2202850-03	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2202850-03	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-3	2202850-03	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2202850-03	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2202850-03	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2202850-03	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2202850-03	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-3	2202850-03	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-3	2202850-03	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-3	2202850-03	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Methylene chloride	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2202850-03	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-3	2202850-03	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-3	2202850-03	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-23-3	2202850-03	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-23-3	2202850-03	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-23-3	2202850-03	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-23-3	2202850-03	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
MW-23-3	2202850-03	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-3	2202850-03	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
MW-23-3	2202850-03	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-23-3	2202850-03	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-23-3	2202850-03	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2202850-03	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
MW-23-3	2202850-03	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
MW-23-3	2202850-03	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
MW-23-3	2202850-03	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2202850-03	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-23-3	2202850-03	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2202850-03	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-23-3	2202850-03	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2202850-03	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-23-3	2202850-03	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-3	2202850-03	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2202850-03	Chloroform	2/10/2022	0.23	Y	y	v j		0.50	0.14	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-3	2202850-03	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-23-3	2202850-03	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2202850-03	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-23-3	2202850-03	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-23-3	2202850-03	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-23-3	2202850-03	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2202850-03	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-23-3	2202850-03	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2202850-03	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
MW-23-3	2202850-03	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-23-3	2202850-03	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2202850-03	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2202850-03	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2202850-03	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	Chloromethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2202850-03	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2202850-03	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-23-3	2202850-03	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2202850-03	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2202850-03	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2202850-03	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-23-3	2202850-03	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-3	2202850-03	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2202850-03	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2202850-03	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-3	2202850-03	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-3	2202850-03	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-23-3	2202850-03	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-23-3	2202850-03	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2202850-03	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-2	2202850-09	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2202850-09	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2202850-09	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2202850-09	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2202850-09	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2202850-09	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-2	2202850-09	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-2	2202850-09	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2202850-09	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-2	2202850-09	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-2	2202850-09	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2202850-09	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-3-2	2202850-09	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-2	2202850-09	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-2	2202850-09	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2202850-09	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-2	2202850-09	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2202850-09	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2202850-09	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-2	2202850-09	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2202850-09	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2202850-09	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	1,1-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-2	2202850-09	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2202850-09	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2202850-09	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2202850-09	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-2	2202850-09	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-2	2202850-09	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-2	2202850-09	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2202850-09	Chloroform	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-2	2202850-09	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-3-2	2202850-09	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-3-2	2202850-09	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
MW-3-2	2202850-09	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-2	2202850-09	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
MW-3-2	2202850-09	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
MW-3-2	2202850-09	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-2	2202850-09	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-2	2202850-09	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-2	2202850-09	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2202850-09	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2202850-09	Tetrachloroethene	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-2	2202850-09	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
MW-3-2	2202850-09	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
MW-3-2	2202850-09	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2202850-09	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-2	2202850-09	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-2	2202850-09	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-2	2202850-09	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-3-2	2202850-09	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2202850-09	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2202850-09	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-2	2202850-09	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-2	2202850-09	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
MW-3-2	2202850-09	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2202850-09	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2202850-09	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-3-2	2202850-09	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2202850-09	Trichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2202850-09	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-2	2202850-09	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2202850-09	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-3	2202850-07	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-3-3	2202850-07	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-3	2202850-07	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-3	2202850-07	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-3	2202850-07	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-3	2202850-07	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2202850-07	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	Tetrachloroethene	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-3	2202850-07	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2202850-07	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Trichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2202850-07	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2202850-07	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2202850-07	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2202850-07	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2202850-07	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-3	2202850-07	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-3	2202850-07	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2202850-07	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-3	2202850-07	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-3	2202850-07	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-3	2202850-07	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-3-3	2202850-07	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-3-3	2202850-07	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-3	2202850-07	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L
MW-3-3	2202850-07	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
MW-3-3	2202850-07	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2202850-07	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-3	2202850-07	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
MW-3-3	2202850-07	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2202850-07	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-3-3	2202850-07	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2202850-07	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2202850-07	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2202850-07	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2202850-07	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	1,1-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-3	2202850-07	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-3	2202850-07	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2202850-07	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
MW-3-3	2202850-07	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2202850-07	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-3	2202850-07	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2202850-07	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-3	2202850-07	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-3	2202850-07	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-3	2202850-07	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-3	2202850-07	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2202850-07	Chloroform	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2202850-07	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-3	2202850-07	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-3	2202850-07	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2202850-07	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
MW-3-3	2202850-07	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-3	2202850-07	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-3	2202850-07	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2202850-07	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-3	2202850-07	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-3	2202850-07	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-3	2202850-07	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-3	2202850-07	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-3	2202850-07	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2202850-07	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2202850-07	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2202850-07	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2202850-06	1,3-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2202850-06	Methyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	1,1-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	1,2-Dichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	1,1-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2202850-06	cis-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2202850-06	trans-1,2-Dichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	1,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	n-Propylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-4	2202850-06	2-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	1,1,2-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2202850-06	1,1,1-Trichloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2202850-06	1,2,4-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	1,2,3-Trichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2202850-06	Toluene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	Tetrachloroethene	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-4	2202850-06	1,1,2,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-4	2202850-06	p-Isopropyltoluene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	Styrene	2/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-4	2202850-06	2,2-Dichloropropane	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-4	2202850-06	Naphthalene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-4	2202850-06	Methylene chloride	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2202850-06	Isopropylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	Hexachlorobutadiene	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-4	2202850-06	Ethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	trans-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2202850-06	cis-1,3-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	1,1-Dichloropropene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2202850-06	1,1,1,2-Tetrachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2202850-06	Methyl isobutyl ketone	2/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-3-4	2202850-06	Acrylonitrile	2/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-4	2202850-06	Allyl chloride	2/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-4	2202850-06	t-Amyl Methyl ether	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2202850-06	t-Butyl alcohol	2/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-4	2202850-06	Carbon disulfide	2/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-4	2202850-06	trans-1,4-Dichloro-2-butene	2/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-3-4	2202850-06	Diethyl ether	2/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-4	2202850-06	Ethyl methacrylate	2/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-4	2202850-06	Ethyl t-butyl ether	2/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-4	2202850-06	Hexachloroethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2202850-06	2-Hexanone	2/11/2022	10	Y	n	u		10	5.0	ug/L
MW-3-4	2202850-06	Methacrylonitrile	2/11/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-4	2202850-06	Acetone	2/11/2022	10	Y	n	u		10	6.6	ug/L
MW-3-4	2202850-06	Methyl iodide	2/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-3-4	2202850-06	Tetrahydrofuran	2/11/2022	20	Y	n	u		20	5.2	ug/L
MW-3-4	2202850-06	Methyl methacrylate	2/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-4	2202850-06	Pentachloroethane	2/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-4	2202850-06	Propionitrile	2/11/2022	20	Y	n	u		20	6.2	ug/L
MW-3-4	2202850-06	p- & m-Xylenes	2/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-4	2202850-06	Chloroacetonitrile	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	1-Chlorobutane	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	1,1-Dichloropropanone	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	Methyl acrylate	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	Nitrobenzene	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	2-Nitropropane	2/11/2022	0	Y	y	v				ug/L
MW-3-4	2202850-06	Benzene	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2202850-06	Chloroform	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	Methyl ethyl ketone	2/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-4	2202850-06	sec-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2202850-06	Bromobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	Bromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2202850-06	o-Xylene	2/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2202850-06	Vinyl chloride	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-4	2202850-06	Bromodichloromethane	2/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-4	2202850-06	Bromoform	2/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-4	2202850-06	n-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	tert-Butylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-4	2202850-06	Carbon tetrachloride	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	Chlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	Chloroethane	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	Chloromethane	2/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2202850-06	4-Chlorotoluene	2/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-4	2202850-06	Dichlorodifluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	1,2,3-Trichloropropane	2/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-3-4	2202850-06	Bromomethane	2/11/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
MW-3-4	2202850-06	Dibromochloromethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-4	2202850-06	1,2,4-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2202850-06	Trichlorofluoromethane	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2202850-06	1,3,5-Trimethylbenzene	2/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2202850-06	1,4-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2202850-06	1,3-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-4	2202850-06	1,2-Dichlorobenzene	2/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2202850-06	Dibromomethane	2/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-4	2202850-06	1,2-Dibromoethane	2/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-4	2202850-06	1,2-Dibromo-3-chloropropane	2/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-4	2202850-06	Trichloroethene	2/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	t-Amyl Methyl ether	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	Allyl chloride	2/10/2022	5	Y	n	u		5.0	0.47	ug/L
TB-7-020822	2202850-01	1,1,2-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7-020822	2202850-01	t-Butyl alcohol	2/10/2022	2	Y	n	u		2.0	2.0	ug/L
TB-7-020822	2202850-01	Acrylonitrile	2/10/2022	5	Y	n	u		5.0	1.5	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-7-020822	2202850-01	Acetone	2/10/2022	10	Y	n	u		10	6.6	ug/L
TB-7-020822	2202850-01	Carbon disulfide	2/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-7-020822	2202850-01	Vinyl chloride	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7-020822	2202850-01	1,3,5-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	1,2,4-Trimethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	1,2,3-Trichloropropane	2/10/2022	1	Y	n	u		1.0	0.78	ug/L
TB-7-020822	2202850-01	Trichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	1,1,1-Trichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7-020822	2202850-01	1,2,4-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	trans-1,4-Dichloro-2-butene	2/10/2022	5	Y	n	u		5.0	1.8	ug/L
TB-7-020822	2202850-01	p- & m-Xylenes	2/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-7-020822	2202850-01	1,2,3-Trichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	Toluene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	Tetrachloroethene	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-7-020822	2202850-01	Trichlorofluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Pentachloroethane	2/10/2022	2	Y	n	u		2.0	0.63	ug/L
TB-7-020822	2202850-01	2-Nitropropane	2/10/2022	0	Y	y	v				ug/L
TB-7-020822	2202850-01	2-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	1,1,2,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	Nitrobenzene	2/10/2022	0	Y	y	v				ug/L
TB-7-020822	2202850-01	Methyl acrylate	2/10/2022	0	Y	y	v				ug/L
TB-7-020822	2202850-01	1,1-Dichloropropanone	2/10/2022	0	Y	y	v				ug/L
TB-7-020822	2202850-01	1-Chlorobutane	2/10/2022	0	Y	y	v				ug/L
TB-7-020822	2202850-01	Chloroacetonitrile	2/10/2022	0	Y	y	v				ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-7-020822	2202850-01	Propionitrile	2/10/2022	20	Y	n	u		20	6.2	ug/L
TB-7-020822	2202850-01	Tetrahydrofuran	2/10/2022	20	Y	n	u		20	5.2	ug/L
TB-7-020822	2202850-01	Diethyl ether	2/10/2022	2	Y	n	u		2.0	0.33	ug/L
TB-7-020822	2202850-01	Methyl methacrylate	2/10/2022	5	Y	n	u		5.0	1.2	ug/L
TB-7-020822	2202850-01	Methyl isobutyl ketone	2/10/2022	5	Y	n	u		5.0	2.4	ug/L
TB-7-020822	2202850-01	Methyl iodide	2/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-7-020822	2202850-01	Methyl ethyl ketone	2/10/2022	5	Y	n	u		5.0	3.3	ug/L
TB-7-020822	2202850-01	Methacrylonitrile	2/10/2022	10	Y	n	u		10	2.3	ug/L
TB-7-020822	2202850-01	2-Hexanone	2/10/2022	10	Y	n	u		10	5.0	ug/L
TB-7-020822	2202850-01	Hexachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-7-020822	2202850-01	Ethyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-7-020822	2202850-01	Ethyl methacrylate	2/10/2022	4	Y	n	u		4.0	1.3	ug/L
TB-7-020822	2202850-01	o-Xylene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7-020822	2202850-01	Carbon tetrachloride	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	Dibromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-7-020822	2202850-01	1,2-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7-020822	2202850-01	Dibromomethane	2/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-7-020822	2202850-01	1,2-Dibromoethane	2/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-7-020822	2202850-01	1,2-Dibromo-3-chloropropane	2/10/2022	1	Y	n	u		1.0	0.89	ug/L
TB-7-020822	2202850-01	4-Chlorotoluene	2/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-7-020822	2202850-01	Chloromethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.11	ug/L
TB-7-020822	2202850-01	Chloroform	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	1,4-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	Chlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Dichlorodifluoromethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-7-020822	2202850-01	tert-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7-020822	2202850-01	sec-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7-020822	2202850-01	n-Butylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	Bromomethane	2/10/2022	0.5	Y	n	u	UJ	0.50	0.20	ug/L
TB-7-020822	2202850-01	Bromoform	2/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-7-020822	2202850-01	Bromodichloromethane	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-7-020822	2202850-01	Bromochloromethane	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-7-020822	2202850-01	Bromobenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	Benzene	2/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-7-020822	2202850-01	Chloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	cis-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Styrene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-7-020822	2202850-01	n-Propylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-7-020822	2202850-01	Naphthalene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-7-020822	2202850-01	Methyl t-butyl ether	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Methylene chloride	2/10/2022	0.31	Y	y	v j		0.50	0.21	ug/L
TB-7-020822	2202850-01	p-Isopropyltoluene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Isopropylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7-020822	2202850-01	Hexachlorobutadiene	2/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-7-020822	2202850-01	1,3-Dichlorobenzene	2/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-7-020822	2202850-01	trans-1,3-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7-020822	2202850-01	1,1,1,2-Tetrachloroethane	2/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7-020822	2202850-01	1,1-Dichloropropene	2/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7-020822	2202850-01	2,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7-020822	2202850-01	1,3-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2202850

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-7-020822	2202850-01	1,2-Dichloropropane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	trans-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	cis-1,2-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-7-020822	2202850-01	1,1-Dichloroethene	2/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-7-020822	2202850-01	1,2-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7-020822	2202850-01	1,1-Dichloroethane	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7-020822	2202850-01	Ethylbenzene	2/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

NASA JPL, 1Q2022 - LDC 54407

SDG: 2203057

Analytical Method EPA-200.8

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Total Recoverable Chromium	2/15/2022	3	Y	n	u		3.0	0.50	ug/L
EB-8-020922	2203057-07	Total Recoverable Chromium	2/15/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-2	2203057-06	Total Recoverable Chromium	2/15/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-3	2203057-04	Total Recoverable Chromium	2/15/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-4	2203057-03	Total Recoverable Chromium	2/15/2022	1.1	Y	y	v j		3.0	0.50	ug/L
MW-21-5	2203057-02	Total Recoverable Chromium	2/15/2022	1.5	Y	y	v j		3.0	0.50	ug/L

Analytical Method EPA-218.6

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Hexavalent Chromium	2/15/2022	0.000097	Y	y	v j	UJ	0.0002	0.0000	mg/L
EB-8-020922	2203057-07	Hexavalent Chromium	2/15/2022	0.000078	Y	y	v j	U	0.0002	0.0000	mg/L
MW-21-2	2203057-06	Hexavalent Chromium	2/15/2022	0.000066	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-21-3	2203057-04	Hexavalent Chromium	2/15/2022	0.00012	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-21-4	2203057-03	Hexavalent Chromium	2/15/2022	0.0013	Y	y	v	J	0.0002	0.0000	mg/L
MW-21-5	2203057-02	Hexavalent Chromium	2/15/2022	0.0012	Y	y	v	J	0.0002	0.0000	mg/L

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-7-IQ22	2203057-05	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-7-IQ22	2203057-05	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
DUP-7-IQ22	2203057-05	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-7-IQ22	2203057-05	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-IQ22	2203057-05	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-IQ22	2203057-05	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-IQ22	2203057-05	Tetrachloroethene	2/15/2022	1.7	Y	y	v		0.50	0.23	ug/L
DUP-7-IQ22	2203057-05	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-IQ22	2203057-05	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-IQ22	2203057-05	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-IQ22	2203057-05	Trichloroethene	2/15/2022	2	Y	y	v		0.50	0.19	ug/L
DUP-7-IQ22	2203057-05	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-IQ22	2203057-05	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-IQ22	2203057-05	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-7-IQ22	2203057-05	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-7-IQ22	2203057-05	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
DUP-7-IQ22	2203057-05	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-IQ22	2203057-05	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-7-IQ22	2203057-05	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-7-IQ22	2203057-05	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-7-IQ22	2203057-05	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-7-IQ22	2203057-05	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-7-IQ22	2203057-05	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
DUP-7-IQ22	2203057-05	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
DUP-7-IQ22	2203057-05	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-7-IQ22	2203057-05	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-IQ22	2203057-05	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-7-IQ22	2203057-05	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-7-IQ22	2203057-05	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-7-IQ22	2203057-05	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
DUP-7-IQ22	2203057-05	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-7-IQ22	2203057-05	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-7-IQ22	2203057-05	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-7-IQ22	2203057-05	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-7-IQ22	2203057-05	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-IQ22	2203057-05	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-IQ22	2203057-05	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-7-IQ22	2203057-05	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-IQ22	2203057-05	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-7-IQ22	2203057-05	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-IQ22	2203057-05	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-7-IQ22	2203057-05	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-7-IQ22	2203057-05	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	1,1-Dichloroethane	2/15/2022	0.25	Y	y	v j		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-7-IQ22	2203057-05	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-IQ22	2203057-05	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-7-IQ22	2203057-05	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-7-IQ22	2203057-05	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-7-IQ22	2203057-05	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
DUP-7-IQ22	2203057-05	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-IQ22	2203057-05	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-7-IQ22	2203057-05	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-IQ22	2203057-05	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-IQ22	2203057-05	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-7-IQ22	2203057-05	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-IQ22	2203057-05	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-7-IQ22	2203057-05	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-7-IQ22	2203057-05	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-IQ22	2203057-05	Chloroform	2/15/2022	0.72	Y	y	v		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-IQ22	2203057-05	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-IQ22	2203057-05	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-IQ22	2203057-05	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-7-IQ22	2203057-05	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-7-IQ22	2203057-05	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
EB-8-020922	2203057-07	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-020922	2203057-07	1,1-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-8-020922	2203057-07	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-8-020922	2203057-07	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-020922	2203057-07	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-020922	2203057-07	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-8-020922	2203057-07	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-8-020922	2203057-07	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-020922	2203057-07	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-020922	2203057-07	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-8-020922	2203057-07	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-8-020922	2203057-07	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-020922	2203057-07	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-020922	2203057-07	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-8-020922	2203057-07	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-020922	2203057-07	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-8-020922	2203057-07	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-020922	2203057-07	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-020922	2203057-07	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-020922	2203057-07	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-8-020922	2203057-07	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-8-020922	2203057-07	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
EB-8-020922	2203057-07	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-8-020922	2203057-07	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-8-020922	2203057-07	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-020922	2203057-07	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-020922	2203057-07	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
EB-8-020922	2203057-07	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-8-020922	2203057-07	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-8-020922	2203057-07	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-020922	2203057-07	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
EB-8-020922	2203057-07	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
EB-8-020922	2203057-07	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
EB-8-020922	2203057-07	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
EB-8-020922	2203057-07	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
EB-8-020922	2203057-07	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
EB-8-020922	2203057-07	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-8-020922	2203057-07	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
EB-8-020922	2203057-07	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-8-020922	2203057-07	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
EB-8-020922	2203057-07	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-020922	2203057-07	Chloroform	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
EB-8-020922	2203057-07	Trichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-020922	2203057-07	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	Tetrachloroethene	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-8-020922	2203057-07	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-020922	2203057-07	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-8-020922	2203057-07	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-020922	2203057-07	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-020922	2203057-07	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-020922	2203057-07	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
EB-8-020922	2203057-07	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-020922	2203057-07	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
EB-8-020922	2203057-07	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-020922	2203057-07	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-020922	2203057-07	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
EB-8-020922	2203057-07	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-020922	2203057-07	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-020922	2203057-07	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
EB-8-020922	2203057-07	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-8-020922	2203057-07	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-020922	2203057-07	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
MW-21-2	2203057-06	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2203057-06	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
MW-21-2	2203057-06	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2203057-06	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-2	2203057-06	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-2	2203057-06	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-2	2203057-06	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-2	2203057-06	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-2	2203057-06	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-2	2203057-06	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-2	2203057-06	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-2	2203057-06	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-2	2203057-06	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2203057-06	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-2	2203057-06	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-2	2203057-06	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2203057-06	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-2	2203057-06	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-2	2203057-06	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2203057-06	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2203057-06	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2203057-06	Trichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2203057-06	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-2	2203057-06	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-2	2203057-06	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-2	2203057-06	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
MW-21-2	2203057-06	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2203057-06	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
MW-21-2	2203057-06	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-2	2203057-06	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-2	2203057-06	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-2	2203057-06	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
MW-21-2	2203057-06	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2203057-06	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
MW-21-2	2203057-06	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
MW-21-2	2203057-06	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-2	2203057-06	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
MW-21-2	2203057-06	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2203057-06	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2203057-06	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-2	2203057-06	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-2	2203057-06	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-2	2203057-06	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2203057-06	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-2	2203057-06	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	Tetrachloroethene	2/15/2022	0.45	Y	y	v j		0.50	0.23	ug/L
MW-21-2	2203057-06	Chloroform	2/15/2022	0.26	Y	y	v j		0.50	0.14	ug/L
MW-21-2	2203057-06	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2203057-06	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-2	2203057-06	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-2	2203057-06	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-2	2203057-06	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2203057-06	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-2	2203057-06	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2203057-06	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-2	2203057-06	1,1-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2203057-06	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2203057-06	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2203057-06	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2203057-06	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-2	2203057-06	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2203057-06	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-2	2203057-06	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-2	2203057-06	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2203057-04	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2203057-04	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2203057-04	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-3	2203057-04	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-3	2203057-04	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-3	2203057-04	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-3	2203057-04	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2203057-04	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-3	2203057-04	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-3	2203057-04	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-3	2203057-04	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2203057-04	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
MW-21-3	2203057-04	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	1,1-Dichloroethane	2/15/2022	0.18	Y	y	v j		0.50	0.15	ug/L
MW-21-3	2203057-04	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2203057-04	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-3	2203057-04	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-3	2203057-04	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2203057-04	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2203057-04	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-3	2203057-04	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2203057-04	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-3	2203057-04	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-3	2203057-04	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
MW-21-3	2203057-04	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2203057-04	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-3	2203057-04	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2203057-04	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-3	2203057-04	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Trichloroethene	2/15/2022	1.2	Y	y	v		0.50	0.19	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-3	2203057-04	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2203057-04	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2203057-04	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2203057-04	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-3	2203057-04	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2203057-04	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-3	2203057-04	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
MW-21-3	2203057-04	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
MW-21-3	2203057-04	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-3	2203057-04	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-3	2203057-04	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-3	2203057-04	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
MW-21-3	2203057-04	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-3	2203057-04	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
MW-21-3	2203057-04	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2203057-04	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2203057-04	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-3	2203057-04	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-3	2203057-04	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-3	2203057-04	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
MW-21-3	2203057-04	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-3	2203057-04	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2203057-04	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-3	2203057-04	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2203057-04	Tetrachloroethene	2/15/2022	0.97	Y	y	v		0.50	0.23	ug/L
MW-21-3	2203057-04	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-3	2203057-04	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-3	2203057-04	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2203057-04	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2203057-04	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2203057-04	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2203057-04	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2203057-04	Chloroform	2/15/2022	0.58	Y	y	v		0.50	0.14	ug/L
MW-21-3	2203057-04	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2203057-04	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
MW-21-4	2203057-03	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-4	2203057-03	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-4	2203057-03	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-4	2203057-03	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
MW-21-4	2203057-03	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-4	2203057-03	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-4	2203057-03	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
MW-21-4	2203057-03	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-4	2203057-03	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2203057-03	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2203057-03	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
MW-21-4	2203057-03	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	Tetrachloroethene	2/15/2022	1.2	Y	y	v		0.50	0.23	ug/L
MW-21-4	2203057-03	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2203057-03	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-4	2203057-03	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-4	2203057-03	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-4	2203057-03	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2203057-03	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2203057-03	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-4	2203057-03	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2203057-03	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2203057-03	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2203057-03	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
MW-21-4	2203057-03	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
MW-21-4	2203057-03	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-4	2203057-03	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
MW-21-4	2203057-03	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
MW-21-4	2203057-03	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
MW-21-4	2203057-03	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2203057-03	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-4	2203057-03	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
MW-21-4	2203057-03	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-4	2203057-03	Trichloroethene	2/15/2022	0.58	Y	y	v		0.50	0.19	ug/L
MW-21-4	2203057-03	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-4	2203057-03	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-4	2203057-03	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2203057-03	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2203057-03	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
MW-21-4	2203057-03	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-4	2203057-03	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2203057-03	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-4	2203057-03	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-4	2203057-03	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-4	2203057-03	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2203057-03	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2203057-03	Chloroform	2/15/2022	5.2	Y	y	v		0.50	0.14	ug/L
MW-21-4	2203057-03	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-4	2203057-03	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2203057-03	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2203057-03	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-4	2203057-03	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-4	2203057-03	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2203057-03	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-4	2203057-03	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-4	2203057-03	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2203057-03	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2203057-03	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2203057-03	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2203057-03	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2203057-03	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2203057-03	1,1-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-4	2203057-03	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-4	2203057-03	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-4	2203057-03	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-4	2203057-03	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-4	2203057-03	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2203057-03	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-5	2203057-02	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
MW-21-5	2203057-02	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-5	2203057-02	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-5	2203057-02	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-5	2203057-02	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-5	2203057-02	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
MW-21-5	2203057-02	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-5	2203057-02	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
MW-21-5	2203057-02	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
MW-21-5	2203057-02	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2203057-02	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-5	2203057-02	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-5	2203057-02	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-5	2203057-02	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-5	2203057-02	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
MW-21-5	2203057-02	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2203057-02	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-5	2203057-02	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-5	2203057-02	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
MW-21-5	2203057-02	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2203057-02	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-5	2203057-02	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-5	2203057-02	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2203057-02	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2203057-02	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2203057-02	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-5	2203057-02	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2203057-02	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	1,1-Dichloroethane	2/15/2022	0.21	Y	y	v j		0.50	0.15	ug/L
MW-21-5	2203057-02	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-5	2203057-02	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-5	2203057-02	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	Chloroform	2/15/2022	7	Y	y	v		0.50	0.14	ug/L
MW-21-5	2203057-02	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2203057-02	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-5	2203057-02	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-5	2203057-02	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2203057-02	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-5	2203057-02	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-5	2203057-02	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-5	2203057-02	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-5	2203057-02	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	Tetrachloroethene	2/15/2022	1.8	Y	y	v		0.50	0.23	ug/L
MW-21-5	2203057-02	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2203057-02	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-5	2203057-02	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-5	2203057-02	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2203057-02	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-5	2203057-02	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2203057-02	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
MW-21-5	2203057-02	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-5	2203057-02	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2203057-02	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2203057-02	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2203057-02	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-5	2203057-02	Trichloroethene	2/15/2022	0.3	Y	y	v j		0.50	0.19	ug/L
MW-21-5	2203057-02	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-21-5	2203057-02	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2203057-02	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2203057-02	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-5	2203057-02	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2203057-02	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-5	2203057-02	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2203057-02	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2203057-02	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2203057-02	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2203057-02	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2203057-02	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2203057-02	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	1,1-Dichloropropanone	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	1-Chlorobutane	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	Chloroacetonitrile	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	o-Xylene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-020922	2203057-01	p- & m-Xylenes	2/15/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-8-020922	2203057-01	Methyl methacrylate	2/15/2022	5	Y	n	u		5.0	1.2	ug/L
TB-8-020922	2203057-01	Propionitrile	2/15/2022	20	Y	n	u		20	6.2	ug/L
TB-8-020922	2203057-01	Pentachloroethane	2/15/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-8-020922	2203057-01	Methyl acrylate	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	sec-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-8-020922	2203057-01	Tetrahydrofuran	2/15/2022	20	Y	n	u		20	5.2	ug/L
TB-8-020922	2203057-01	Nitrobenzene	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	2-Nitropropane	2/15/2022	0	Y	y	v				ug/L
TB-8-020922	2203057-01	Benzene	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-020922	2203057-01	Bromobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	Bromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-020922	2203057-01	Bromodichloromethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-020922	2203057-01	Bromoform	2/15/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-8-020922	2203057-01	n-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	tert-Butylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-020922	2203057-01	Methyl isobutyl ketone	2/15/2022	5	Y	n	u		5.0	2.4	ug/L
TB-8-020922	2203057-01	trans-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-020922	2203057-01	Bromomethane	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-020922	2203057-01	1,1-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-020922	2203057-01	Naphthalene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-8-020922	2203057-01	1,1-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-020922	2203057-01	cis-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-020922	2203057-01	trans-1,2-Dichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	1,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	1,1-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	2,2-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-020922	2203057-01	Dichlorodifluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	cis-1,3-Dichloropropene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Ethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	Isopropylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-8-020922	2203057-01	p-Isopropyltoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Methylene chloride	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-020922	2203057-01	Hexachlorobutadiene	2/15/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-020922	2203057-01	1,3-Dichloropropane	2/15/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-020922	2203057-01	Dibromochloromethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-8-020922	2203057-01	Carbon tetrachloride	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	Chlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Chloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	Chloroform	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Chloromethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-020922	2203057-01	1,2-Dichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	4-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-8-020922	2203057-01	n-Propylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-8-020922	2203057-01	1,2-Dibromo-3-chloropropane	2/15/2022	1	Y	n	u		1.0	0.89	ug/L
TB-8-020922	2203057-01	1,2-Dibromoethane	2/15/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-8-020922	2203057-01	Dibromomethane	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-8-020922	2203057-01	1,2-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-020922	2203057-01	1,3-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-8-020922	2203057-01	1,4-Dichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	2-Chlorotoluene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Diethyl ether	2/15/2022	2	Y	n	u		2.0	0.33	ug/L
TB-8-020922	2203057-01	Methyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Acrylonitrile	2/15/2022	5	Y	n	u		5.0	1.5	ug/L
TB-8-020922	2203057-01	Allyl chloride	2/15/2022	5	Y	n	u		5.0	0.47	ug/L
TB-8-020922	2203057-01	t-Amyl Methyl ether	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-8-020922	2203057-01	t-Butyl alcohol	2/15/2022	2	Y	n	u		2.0	2.0	ug/L
TB-8-020922	2203057-01	Vinyl chloride	2/15/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-020922	2203057-01	trans-1,4-Dichloro-2-butene	2/15/2022	5	Y	n	u		5.0	1.8	ug/L
TB-8-020922	2203057-01	1,3,5-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	Ethyl methacrylate	2/15/2022	4	Y	n	u		4.0	1.3	ug/L
TB-8-020922	2203057-01	Ethyl t-butyl ether	2/15/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-8-020922	2203057-01	Hexachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-020922	2203057-01	2-Hexanone	2/15/2022	10	Y	n	u		10	5.0	ug/L
TB-8-020922	2203057-01	Methacrylonitrile	2/15/2022	10	Y	n	u		10	2.3	ug/L
TB-8-020922	2203057-01	Methyl ethyl ketone	2/15/2022	5	Y	n	u		5.0	3.3	ug/L
TB-8-020922	2203057-01	Carbon disulfide	2/15/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-8-020922	2203057-01	1,1,1-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-020922	2203057-01	Styrene	2/15/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-8-020922	2203057-01	1,1,1,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-020922	2203057-01	1,1,2,2-Tetrachloroethane	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	Tetrachloroethene	2/15/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-8-020922	2203057-01	Toluene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	Acetone	2/15/2022	10	Y	n	u		10	6.6	ug/L
TB-8-020922	2203057-01	1,2,4-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-020922	2203057-01	Methyl iodide	2/15/2022	2	Y	n	u		2.0	1.1	ug/L
TB-8-020922	2203057-01	1,1,2-Trichloroethane	2/15/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-020922	2203057-01	Trichloroethene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-020922	2203057-01	Trichlorofluoromethane	2/15/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-020922	2203057-01	1,2,3-Trichloropropane	2/15/2022	1	Y	n	u		1.0	0.78	ug/L
TB-8-020922	2203057-01	1,1,2-Trichloro-1,2,2-trifluoroethane	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2203057

Analytical Method EPA-524.2

Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
TB-8-020922	2203057-01	1,2,4-Trimethylbenzene	2/15/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-020922	2203057-01	1,2,3-Trichlorobenzene	2/15/2022	0.5	Y	n	u		0.50	0.19	ug/L