

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

January 5, 2023

SUBJECT: NASA JPL, 3Q2022 - Data Validation

Dear Mr. Conner,

Enclosed are the final validation reports for the fractions listed below. This SDG was received on September 23, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #55041:

SDG #

2217964, 2218155, 2218429, 2218492,
2218561

Fraction

Volatiles, Chromium, Wet Chemistry

The data validation was performed under Level III & IV guidelines. The analysis was 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

90/10 III/IV (client select) EDD

LDC# 55041 (Tidewater - Powell, OH / NASA JPL, 3Q2022)

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)		CLO ₄ (314.0)																																					
				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	2217964	09/23/22	10/14/22	13	0	5	0	-	-	-	-	-	-	5	0	12	0																																				
B	2218155	09/23/22	10/14/22	12	0	9	0	-	-	-	-	-	-	9	0	11	0																																				
C	2218429	09/23/22	10/14/22	8	0	7	0	-	-	-	-	-	-	7	0	7	0																																				
D	2218492	09/23/22	10/14/22	8	0	8	0	1	0	1	0	1	0	8	0	7	0																																				
E	2218561	09/23/22	10/14/22	6	0	6	0	-	-	-	-	-	-	6	0	5	0																																				
Total	TR/PG			47	0	35	0	1	0	1	0	1	0	35	0	42	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	0	0	0	0	0	162			

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 12, 2022

Parameters: Volatiles

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2217964

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-1-080122	2217964-01	Water	08/01/22
MW-20-5	2217964-02	Water	08/01/22
MW-20-4	2217964-03	Water	08/01/22
DUP-1-3Q22	2217964-04	Water	08/01/22
MW-20-3	2217964-05	Water	08/01/22
MW-20-2	2217964-06	Water	08/01/22
MW-19-5	2217964-07	Water	08/01/22
MW-19-4	2217964-08	Water	08/01/22
MW-19-3	2217964-09	Water	08/01/22
MW-19-2	2217964-10	Water	08/01/22
MW-19-1	2217964-11	Water	08/01/22
EB-1-080122	2217964-12	Water	08/01/22
SB-1-080122	2217964-13	Water	08/01/22
MW-20-5MS	2217964-02MS	Water	08/01/22
MW-20-5MSD	2217964-02MSD	Water	08/01/22

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 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 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.

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-1-080122 was identified as a trip blank. No contaminants were found.

Sample EB-1-080122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-080122 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-20-4 and DUP-1-3Q22 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. Target Analyte Quantitation

All target analyte quantitations met validation criteria.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria.

XIV. System Performance

The system performance was acceptable.

XV. 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, 3Q2022
Volatiles - Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

LDC #: 55041A1a

VALIDATION COMPLETENESS WORKSHEET

Date: 10/1/22

SDG #: 2217964

Level IV

Page: 1 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: Q

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	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/A	RSD ≤ 20%. Y ² 10/1 ≤ 30%
IV.	Continuing calibration	A	ECV ≤ 3%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1 EB=12. SB=13
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	ND	D=3+A
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	
XIII.	Target analyte identification	A	
XIV.	System performance	A	
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-1-080122	2217964-01	Water	08/01/22
2	MW-20-5	2217964-02	Water	08/01/22
3	MW-20-4	2217964-03	Water	08/01/22
4	DUP-1-3Q22	2217964-04	Water	08/01/22
5	MW-20-3	2217964-05	Water	08/01/22
6	MW-20-2	2217964-06	Water	08/01/22
7	MW-19-5	2217964-07	Water	08/01/22
8	MW-19-4	2217964-08	Water	08/01/22
9	MW-19-3	2217964-09	Water	08/01/22
10	MW-19-2	2217964-10	Water	08/01/22
11	MW-19-1	2217964-11	Water	08/01/22
12	EB-1-080122	2217964-12	Water	08/01/22
13	SB-1-080122	2217964-13	Water	08/01/22
14	MW-20-5MS	2217964-02MS	Water	08/01/22

LDC #: 55041A1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 2217964

Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 10/11/22

Page: 2 of 2

Reviewer: [Signature]

2nd Reviewer: _____

METHOD: GC/MS Volatiles (EPA Method 524.2)

	Client ID	Lab ID	Matrix	Date
15	MW-20-5MSD	2217964-02MSD	Water	08/01/22
16				
17				
18				

Notes:

B145628				

Method: Volatiles (EPA Method 524.2)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was cooler temperature criteria met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
II. GC/MS Instrument performance check				
Was a tune check performed prior to establishing and/or re-establishing an initial calibration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the BFB performance results reviewed and found to be within the specified criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
III. Initial calibration				
Did the laboratory perform at least 5 point calibration prior to sample analysis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent relative standard deviations (%RSD) \leq 20%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIa. Initial calibration verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) \leq 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IV. Continuing calibration				
Was a continuing calibration standard analyzed at the beginning of each analysis batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) of continuing calibration \leq 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a laboratory blank analyzed with each analysis batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was there contamination in the laboratory blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VI. Field blanks				
Were field blanks identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VII. Surrogate spikes				
Were all surrogate %R within the QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the LCS percent recoveries (%R) within 70-130%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field duplicates?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were retention times within +/-30 seconds of the associated calibration standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XII. Compound quantitation/CRQLs				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) or regression equations used to quantitate the compound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIII. Target compound identification				
Were relative retention times (RRT's) within + 0.06 RRT units of the standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were chromatogram peaks verified and accounted for?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIV. System performance				
System performance was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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	WWW. Bromobenzene	WWW. Ethanol	WWWWW. 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.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

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	Recalculated	Reported	Recalculated	Reported	Recalculated
				RRF (10 std)	RRF (10 std)	Average RRF (initial)	Average RRF (initial)	%RSD	%RSD
1	KAZ	7/29/20	K (1st Internal Standard)	0.834609	0.834609	0.852553	0.852553	8.13859	8.139
			S (2nd Internal Standard)	0.40761	0.40761	0.396614	0.396614	5.09853	5.098
			22 (3rd Internal Standard)	2.075918	2.075918	2.08414	2.08414	6.22864	6.227
2			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd Internal Standard)						
3			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd Internal Standard)						
4			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd 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.

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

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	Recalculated	Reported	Recalculated
					RRF (CC)	RRF (CC)	%D	%D
1	02AUG02	8/2/02	K (1st Internal Standard)	0.8525503	0.8217629	0.8217629	3.6	3.6
			S (2nd Internal Standard)	0.396614	0.3625039	0.3625039	8.6	8.6
			EE (3rd Internal Standard)	2.08444	2.069929	2.069929	0.7	0.7
2			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd Internal Standard)					
3			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd Internal Standard)					
4			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd 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.

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

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: 1

	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
			Reported	Recalculated	
1,2-Dichloroethane-d4	10.0	9.89	98.9	98.9	
Toluene-d8	↓	9.69	96.9	96.9	
Bromofluorobenzene	↓	9.70	97.0	97.0	
1,2-Dichlorobenzene-d4					

Sample ID: _____

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

Sample ID: _____

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

Sample ID: _____

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

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

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 = |MSC - MSC| * 2 / (MSC + MSDC)

MSC = Matrix spike concentration

MSDC = Matrix spike duplicate concentration

MS/MSD sample: 14/15

Compound	Spike Added		Sample Concentration	Spiked Sample Concentration		Matrix Spike		Matrix Spike Duplicate		MS/MSD	
	MS	MSD		MS	MSD	Percent Recovery		Percent Recovery		RPD	
						Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	25.0	25.0	ND	25.7	25.98	103	103	104	104	1.01	1.01
Trichloroethene	↓	↓	↓	22.51	22.20	90.0	90.0	88.8	88.8	1.39	1.39
Benzene	↓	↓	↓	25.24	25.23	101	101	101	101	0.0396	0.0396
Toluene	↓	↓	↓	23.31	23.01	93.2	93.2	92.0	92.0	1.30	1.30
Chlorobenzene	↓	↓	↓	24.34	24.13	97.4	97.4	96.5	96.5	0.867	0.867

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 #: 552AA/9

VALIDATION FINDINGS WORKSHEET Laboratory Control Sample Results Verification

Page: 6 of 9
Reviewer: [Signature]

METHOD: GC/MS VOA (EPA Method 524.2)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory 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 = | LCSC - LCSDC | * 2 / (LCSC + LCSDC)

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: B45628-BS1

Compound	Spike Added (<u>NA</u>)		Spiked Sample Concentration (<u>NA</u>)		LCS		LCSD		LCS/LCSD	
	LCS	LCSD	LCS	LCSD	Percent Recovery		Percent Recovery		RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	<u>25.0</u>	<u>NA</u>	<u>25.56</u>	<u>NA</u>	<u>102</u>	<u>102</u>				
Trichloroethene	↓	↓	<u>22.29</u>	↓	<u>89.2</u>	<u>89.2</u>				
Benzene	↓	↓	<u>25.01</u>	↓	<u>100</u>	<u>100</u>				
Toluene	↓	↓	<u>23.60</u>	↓	<u>94.4</u>	<u>94.4</u>				
Chlorobenzene	↓	↓	<u>23.89</u>	↓	<u>95.6</u>	<u>95.6</u>				

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.

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

METHOD: GC/MS VOA (EPA Method 524.2)

[Y] *[N]* *[N/A]*
[Y] *[N]* *[N/A]*

Were all reported results recalculated and verified for all level IV samples?

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

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

- 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. 6, K:

$$\text{Conc.} = \frac{(14133)(10^0)(1)}{(311704)(0.85)(550)} = 0.53 \text{ } \mu\text{g/L}$$

#	Sample ID	Compound	Reported Concentration <i>[Signature]</i>	Calculated Concentration <i>[Signature]</i>	Qualification
	<u>6</u>	<u>K</u>	<u>0.53</u>	<u>0.53</u>	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022
LDC Report Date: January 3, 2023
Parameters: Chromium
Validation Level: Level IV
Laboratory: BC Laboratories, Inc., Bakersfield, CA
Sample Delivery Group (SDG): 2217964

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-20-5	2217964-02	Water	08/01/22
MW-20-4	2217964-03	Water	08/01/22
DUP-1-3Q22	2217964-04	Water	08/01/22
MW-20-3	2217964-05	Water	08/01/22
MW-20-2	2217964-06	Water	08/01/22
EB-1-080122	2217964-12	Water	08/01/22
SB-1-080122	2217964-13	Water	08/01/22

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 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. 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.

VI. Field Blanks

Sample EB-1-080122 was identified as an equipment blank. No contaminants were found.

Sample SB-1-080122 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-20-4 and DUP-1-3Q22 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.

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.

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

NASA JPL, 3Q2022
Chromium - Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2217964

No Sample Data Qualified in this SDG

LDC #: 55041A4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/27/22

SDG #: 2217964

Level IV

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: [Signature]

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	<i>not required</i>
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 6 SB = 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	ND	(2, 3)
XII.	Internal Standard (ICP-MS)	A	
XIII.	Target Analyte Quantitation	A	
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

	Client ID	Lab ID	Matrix	Date
1	MW-20-5	2217964-02	Water	08/01/22
2	MW-20-4	2217964-03	Water	08/01/22
3	DUP-1-3Q22	2217964-04	Water	08/01/22
4	MW-20-3	2217964-05	Water	08/01/22
5	MW-20-2	2217964-06	Water	08/01/22
6	EB-1-080122	2217964-12	Water	08/01/22
7	SB-1-080122	2217964-13	Water	08/01/22
8				
9				
10				
11				

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 isotopes in the tuning solution ≤5%?	Yes			
III. Calibration				
Were all instruments 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 specified 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?		No		
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 within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
VII. Laboratory Control Samples				
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%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Target Analyte Quantitation				
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 identified in this SDG?	Yes			
Were target analytes detected in the field duplicates?		No		
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?		No		

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

An initial 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:

$$\%R = (\text{Found}/\text{True}) \times 100$$

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)	Recalculated %R	Reported %R	Acceptable (Y/N)
2214303-ICV1	ICP-MS	Cr	49.983	50	99.966	100	Y
2214303-CCV5	ICP-MS	Cr	37.194	40	92.985	93	Y
2214304-CRL3	ICP-MS	Cr	3.038	3	101.2666667	101	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
8/4/22 at 06:35	Mass Axis	23.985	23.975	± 0.1 amu
8/4/22 at 06:35	%RSD	24	0.4	≤ 5% RSD

VALIDATION FINDINGS CHECKLIST
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:

$$\%R = (\text{Found}/\text{True}) \times 100$$

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:

$$\text{RPD} = (\text{Absolute value}(S-D) \times 200) / (S+D)$$

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

$$\%D = (\text{Absolute value}(I - \text{SDR})) \times 100 / (I)$$

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	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
B145859-BS1	LCS	Cr	38.56	40	96.4	96.4	Y

Sample Calculation Verification

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 (ug/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalculated Result (ug/L)	Acceptable (Y/N)
1	Cr	0.252	1	50	50	0.50U	0.252	Y
2	Cr	0.117	1	50	50	0.50U	0.117	Y
3	Cr	-0.031	1	50	50	0.50U	-0.031	Y
4	Cr	-0.164	1	50	50	0.50U	-0.164	Y
5	Cr	0.835	1	50	50	0.84	0.835	Y
6	Cr	0.098	1	50	50	0.50U	0.098	Y
7	Cr	-0.137	1	50	50	0.50U	-0.137	Y

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Wet Chemistry

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2217964

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-20-5	2217964-02	Water	08/01/22
MW-20-4	2217964-03	Water	08/01/22
DUP-1-3Q22	2217964-04	Water	08/01/22
MW-20-3	2217964-05	Water	08/01/22
MW-20-2	2217964-06	Water	08/01/22
MW-19-5	2217964-07	Water	08/01/22
MW-19-4	2217964-08	Water	08/01/22
MW-19-3	2217964-09	Water	08/01/22
MW-19-2	2217964-10	Water	08/01/22
MW-19-1	2217964-11	Water	08/01/22
EB-1-080122	2217964-12	Water	08/01/22
SB-1-080122	2217964-13	Water	08/01/22
MW-20-5MS	2217964-02MS	Water	08/01/22
MW-20-5MSD	2217964-02MSD	Water	08/01/22
MW-20-5DUP	2217964-02DUP	Water	08/01/22

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 methods:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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 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-20-3	Hexavalent chromium	38 hours	24 hours	J (all detects)	P
EB-1-080122	Hexavalent chromium	35 hours	24 hours	J (all detects)	P

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	0.023 ug/L	MW-20-5 MW-20-4
ICB/CCB	Hexavalent chromium	0.041 ug/L	DUP-1-3Q22 MW-20-3 MW-20-2 EB-1-080122 SB-1-080122

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
DUP-1-3Q22	Hexavalent chromium	0.00015 mg/L	0.00015U mg/L
MW-20-3	Hexavalent chromium	0.00012 mg/L	0.00012U mg/L
MW-20-2	Hexavalent chromium	0.000089 mg/L	0.000089U mg/L
EB-1-080122	Hexavalent chromium	0.000078 mg/L	0.000078U mg/L
SB-1-080122	Hexavalent chromium	0.00011 mg/L	0.00011U mg/L

V. Field Blanks

Sample EB-1-080122 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-1-080122	08/01/22	Hexavalent chromium	0.000078 mg/L	MW-20-5 MW-20-4 DUP-1-3Q22 MW-20-3 MW-20-2

Sample SB-1-080122 was identified as a source blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
SB-1-080122	08/01/22	Hexavalent chromium	0.00055 mg/L	MW-20-5 MW-20-4 DUP-1-3Q22 MW-20-3 MW-20-2

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-20-5	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-20-4	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L
DUP-1-3Q22	Hexavalent chromium	0.00015 mg/L	0.00015U mg/L
MW-20-3	Hexavalent chromium	0.00012 mg/L	0.00012U mg/L
MW-20-2	Hexavalent chromium	0.000089 mg/L	0.000089U 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-20-4 and DUP-1-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-20-4	DUP-1-3Q22	
Hexavalent chromium	0.00016	0.00015	6

X Target Analyte Quantitation

All target analyte quantitations were acceptable.

XI. Overall Assessment of Data

The analysis was conducted within all specifications of the methods. 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 five samples.

Due to equipment blank contamination, data were qualified as not detected in five samples.

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

NASA JPL, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2217964

Sample	Analyte	Flag	A or P	Reason
MW-20-3 EB-1-080122	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2217964

Sample	Analyte	Modified Final Concentration	A or P
DUP-1-3Q22	Hexavalent chromium	0.00015U mg/L	A
MW-20-3	Hexavalent chromium	0.00012U mg/L	A
MW-20-2	Hexavalent chromium	0.000089U mg/L	A
EB-1-080122	Hexavalent chromium	0.000078U mg/L	A
SB-1-080122	Hexavalent chromium	0.00011U mg/L	A

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2217964

Sample	Analyte	Modified Final Concentration	A or P
MW-20-5	Hexavalent chromium	0.00016U mg/L	A
MW-20-4	Hexavalent chromium	0.00016U mg/L	A
DUP-1-3Q22	Hexavalent chromium	0.00015U mg/L	A
MW-20-3	Hexavalent chromium	0.00012U mg/L	A
MW-20-2	Hexavalent chromium	0.000089U mg/L	A

LDC #: 55041A6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/27/22

SDG #: 2217964

Level IV

Page: 1 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
2nd Reviewer: [Signature]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

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 = 11 SB = 12
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(2, 3)
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-20-5	2217964-02	Water	08/01/22
2	MW-20-4	2217964-03	Water	08/01/22
3	DUP-1-3Q22	2217964-04	Water	08/01/22
4	MW-20-3	2217964-05	Water	08/01/22
5	MW-20-2	2217964-06	Water	08/01/22
6	MW-19-5	2217964-07	Water	08/01/22
7	MW-19-4	2217964-08	Water	08/01/22
8	MW-19-3	2217964-09	Water	08/01/22
9	MW-19-2	2217964-10	Water	08/01/22
10	MW-19-1	2217964-11	Water	08/01/22
11	EB-1-080122	2217964-12	Water	08/01/22
12	SB-1-080122	2217964-13	Water	08/01/22
13	MW-20-5MS	2217964-02MS	Water	08/01/22

LDC #: 55041A6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/27/22

SDG #: 2217964

Level IV

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
2nd Reviewer: _____

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

	Client ID	Lab ID	Matrix	Date
14	MW-20-5MSD	2217964-02MSD	Water	08/01/22
15	MW-20-5DUP	2217964-02DUP	Water	08/01/22
16				

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 specified 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?		No		
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 identified in this SDG?	Yes			
Were target analytes detected in the field duplicates?	Yes			
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?	Yes			

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the required holding time with the following exceptions:

		Method: 218.6 Analyte: Cr6+ Holding Time: 24 hours			
Sample ID	Sampling Date	Analysis Date	Total Time from Collection to Analysis	Qualifier	Det/ND
4	8/1/2022	8/2/2022	38 hours	J/UJ/P	Det
11	8/1/2022	8/3/2022	35 hours	J/UJ/P	Det

Preservation

Sample ID	Preservation	Preservation Requirement (pH)	Qualifier	Det/ND

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 1, 2

				Sample Identification									
Analyte	PB (units)	Maximum ICB/CCB (ug/L)	Action Level (mg/L)										
Cr6+		0.023	0.00012										

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 3, 4, 5, 11, 12

				Sample Identification									
Analyte	PB (units)	Maximum ICB/CCB (ug/L)	Action Level (mg/L)	4	5	11	12	3					
Cr6+		0.041	0.00021	0.00012U	0.000089U	0.000078U	0.00011U	0.00015U					

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/1/22

Associated Samples: ~~LETR~~ 1-5.

			Sample Identification										
Analyte	Blank ID	Action Level	1	2	3	4	5						
	11												
Cr6+	0.000078	0.00039	0.00016	0.00016	0.00015	0.00012	0.000089						

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/1/22

Associated Samples: ~~LETR~~ 1-5

			Sample Identification										
Analyte	Blank ID	Action Level	1	2	3	4	5						
	12												
Cr6+	0.00011	0.00055	see above										

Comments: The action level, when applicable, is established at 5X the highest concentration.

Field Duplicates

Method: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	2	3		
Cr6+	0.00016	0.00015	6	

VALIDATION FINDINGS CHECKLIST
Initial and Continuing Calibration Calculation Verification

METHOD: Inorganics

The correlation coefficient (r) for the calibration of Cr6+ were recalculated.

Calibration date: 8/1/22

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

$$\%R = (\text{Found}/\text{True}) \times 100$$

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 (ug/L)	Area	Recalculated r or r ²	Reported r or r ²	Acceptable (Y/N)
Initial Calibration	Cr6+	s1	0.02	0.01	0.999975	0.999971	Y
		s2	0.2	0.068			
		s3	2	0.621			
		s4	10	3.098			
		s5	25	7.743			
		s6	50	15.639			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (ug/L)	True (ug/L)		Recalculated r or r ²	Reported r or r ²	Acceptable (Y/N)
2215028-ICV1	Cr6+	24.241	25		96.964	97	Y
2215009-ICV1	Perchlorate	9.8639	10		98.639	98.6	Y
2215009-CCV4	Perchlorate	9.3338	10		93.338	93.3	Y

METHOD: Inorganics

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

$$\%R = (\text{Found}/\text{True}) \times 100$$

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:

$$\text{RPD} = (\text{Absolute value}(S-D) \times 200) / (S+D)$$

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)
B146460-BS1	LCS	Perchlorate	9.3831	10	93.831	93.8	Y
13	MS	Cr6+	0.019073	0.020202	94.41144441	94.4	Y
15	Duplicate	Cr6+	0.000165	0.000165	0	0	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 (ppm)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Cr6+	0.000165	1	20	20	0.00016	0.000165	Y
2	Cr6+	0.000165	1	20	20	0.00016	0.000165	Y
3	Cr6+	0.000152	1	20	20	0.00015	0.000152	Y
4	Cr6+	0.000115	1	20	20	0.00012	0.000115	Y
5	Cr6+	0.000089	1	20	20	0.000089	0.000089	Y
11	Cr6+	0.000078	1	20	20	0.000078	0.000078	Y
12	Cr6+	0.000111	1	20	20	0.00011	0.000111	Y

Sample ID	Analyte	Raw Data (ppb)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalculated Result (ug/L)	Acceptable (Y/N)
1	Perchlorate	0	1	20	20	0.81U	0	Y
2	Perchlorate	0	1	20	20	0.81U	0	Y
3	Perchlorate	0	1	20	20	0.81U	0	Y
4	Perchlorate	0	1	20	20	0.81U	0	Y
5	Perchlorate	1.1804	1	20	20	1.2	1.1804	Y
6	Perchlorate	2.5598	1	20	20	2.6	2.5598	Y
7	Perchlorate	2.7414	1	20	20	2.7	2.7414	Y
8	Perchlorate	3.5467	1	20	20	3.5	3.5467	Y
9	Perchlorate	1.9806	1	20	20	2	1.9806	Y
10	Perchlorate	0.4328	1	20	20	0.81U	0.4328	Y
11	Perchlorate	0	1	20	20	0.81U	0	Y
12	Perchlorate	0	1	20	20	0.81U	0	Y

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 12, 2022

Parameters: Volatiles

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218155

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-2-080222	2218155-01	Water	08/02/22
MW-14-5	2218155-02	Water	08/02/22
MW-14-4	2218155-03	Water	08/02/22
MW-14-3	2218155-04	Water	08/02/22
MW-14-2	2218155-05	Water	08/02/22
MW-25-5	2218155-06	Water	08/02/22
MW-25-4	2218155-07	Water	08/02/22
MW-25-3	2218155-08	Water	08/02/22
MW-25-2	2218155-09	Water	08/02/22
DUP-2-3Q22	2218155-10	Water	08/02/22
MW-25-1	2218155-11	Water	08/02/22
EB-2-080222	2218155-12	Water	08/02/22
MW-14-4MS	2218155-03MS	Water	08/02/22
MW-14-4MSD	2218155-03MSD	Water	08/02/22

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 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 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
08/03/22	Methyl iodide	46.8	All samples in SDG 2218155	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-2-080222 was identified as a trip blank. No contaminants were found.

Sample EB-2-080222 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-25-2 and DUP-2-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-25-2	DUP-2-3Q22	
Chloroform	0.16	0.28	55
Tetrachloroethene	0.25	0.35	33
Trichloroethene	0.19U	0.29	Not calculable

XI. Internal Standards

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

XII. Targe Analyte Quantitation

All target analyte quantitations met validation criteria.

XIII. Target Analyte Identification

All target analyte identifications met validation criteria.

XIV. System Performance

The system performance was acceptable.

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 twelve samples.

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

NASA JPL, 3Q2022
Volatiles - Data Qualification Summary - SDG 2218155

Sample	Analyte	Flag	A or P	Reason
TB-2-080222 MW-14-5 MW-14-4 MW-14-3 MW-14-2 MW-25-5 MW-25-4 MW-25-3 MW-25-2 DUP-2-3Q22 MW-25-1 EB-2-080222	Methyl iodide	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218155

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2218155

No Sample Data Qualified in this SDG

LDC #: 55041B1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 2218155

Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 10/11/22

Page: 1 of 1

Reviewer: [Signature]

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	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	AA	$RSD \leq 20\%$, Y^2 $HF \leq 30\%$
IV.	Continuing calibration	W	$CCV \leq 30\%$
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB=1. EB=12
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	W	D = 9 + 10
XI.	Internal standards	A	
XII.	Target analyte quantitation	A	
XIII.	Target analyte identification	A	
XIV.	System performance	A	
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-2-080222	2218155-01	Water	08/02/22
2	MW-14-5	2218155-02	Water	08/02/22
3	MW-14-4	2218155-03	Water	08/02/22
4	MW-14-3	2218155-04	Water	08/02/22
5	MW-14-2	2218155-05	Water	08/02/22
6	MW-25-5	2218155-06	Water	08/02/22
7	MW-25-4	2218155-07	Water	08/02/22
8	MW-25-3	2218155-08	Water	08/02/22
9	MW-25-2	2218155-09	Water	08/02/22
10	DUP-2-3Q22	2218155-10	Water	08/02/22
11	MW-25-1	2218155-11	Water	08/02/22
12	EB-2-080222	2218155-12	Water	08/02/22
13	MW-14-4MS	2218155-03MS	Water	08/02/22
14	MW-14-4MSD	2218155-03MSD	Water	08/02/22

Method: Volatiles (EPA Method 524.2)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was cooler temperature criteria met?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
II. GC/MS Instrument performance check				
Was a tune check performed prior to establishing and/or re-establishing an initial calibration?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the BFB performance results reviewed and found to be within the specified criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
III. Initial calibration				
Did the laboratory perform at least 5 point calibration prior to sample analysis?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent relative standard deviations (%RSD) \leq 20%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IIIa. Initial calibration verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) \leq 30%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IV. Continuing calibration				
Was a continuing calibration standard analyzed at the beginning of each analysis batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all percent differences (%D) of continuing calibration \leq 30%?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was a laboratory blank analyzed with each analysis batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was there contamination in the laboratory blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VI. Field blanks				
Were field blanks identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field blanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VII. Surrogate spikes				
Were all surrogate %R within the QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the LCS percent recoveries (%R) within 70-130%?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Validation Area	Yes	No	NA	Findings/Comments
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were target compounds detected in the field duplicates?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
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?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were retention times within +/-30 seconds of the associated calibration standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XII. Compound quantitation/CRQLs				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) or regression equations used to quantitate the compound?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIII. Target compound identification				
Were relative retention times (RRT's) within + 0.06 RRT units of the standard?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were chromatogram peaks verified and accounted for?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XIV. System performance				
System performance was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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	WWW. Bromobenzene	WWW. Ethanol	WWWWW. 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.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1.

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".

- N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
 N N/A Were all percent differences (%D) \leq 30% ?

#	Date	Standard ID	Compound	Finding %D (Limit: <30.0%)	Associated Samples	Qualifications
	<u>8/2/22</u>	<u>03AUG03</u>	<u>Methyl iodide</u>	<u>46.8</u>	<u>All (NO)</u>	<u>[Signature]</u>

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GCMS VOA (EPA SW 846 Method 524.2)

Y N NA Were field duplicate pairs identified in this SDG?

Y N NA Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		RPD
	9	10	
K	0.16	0.28	55
AA	0.25	0.35	33
S	0.19U	0.29	NC

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

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: 1

	Surrogate Spiked	Surrogate Found	Percent Recovery		Percent Difference
			Reported	Recalculated	
1,2-Dichloroethane-d4	10.0	9.10	91.0	91.0	
Toluene-d8	↓	9.73	97.3	97.3	
Bromofluorobenzene	↓	9.44	94.4	94.4	
1,2-Dichlorobenzene-d4					

Sample ID: _____

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

Sample ID: _____

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

Sample ID: _____

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

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	Recalculated	Reported	Recalculated	Reported	Recalculated
				RRF (10 std)	RRF (10 std)	Average RRF (initial)	Average RRF (initial)	%RSD	%RSD
1	KAZ	7/29/20	K (1st Internal Standard)	0.834609	0.834609	0.852553	0.852553	8.13859	8.139
			S (2nd Internal Standard)	0.40761	0.40761	0.396614	0.396614	5.09853	5.098
			EG (3rd Internal Standard)	2.075918	2.075918	2.08414	2.08414	6.22864	6.227
2			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd Internal Standard)						
3			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd Internal Standard)						
4			(1st Internal Standard)						
			(2nd Internal Standard)						
			(3rd 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.

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:

$$\% \text{ Difference} = 100 * (\text{ave. RRF} - \text{RRF}) / \text{ave. RRF}$$

$$\text{RRF} = (A_x)(C_{is}) / (A_{is})(C_x)$$

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	Recalculated	Reported	Recalculated
					RRF (CC)	RRF (CC)	%D	%D
1	<u>03AK902</u>	<u>8/2/22</u>	<u>K</u> (1st Internal Standard)	<u>0.8525503</u>	<u>0.8259244</u>	<u>0.8259244</u>	<u>3.1</u>	<u>3.1</u>
			<u>S</u> (2nd Internal Standard)	<u>0.396614</u>	<u>0.3648422</u>	<u>0.3648422</u>	<u>8.0</u>	<u>8.0</u>
			<u>BE</u> (3rd Internal Standard)	<u>2.084417</u>	<u>1.960262</u>	<u>1.960262</u>	<u>6.0</u>	<u>6.0</u>
2			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd Internal Standard)					
3			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd Internal Standard)					
4			(1st Internal Standard)					
			(2nd Internal Standard)					
			(3rd 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.

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

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 = |MSC - MSC| * 2/(MSC + MSDC)

MSC = Matrix spike concentration

MSDC = Matrix spike duplicate concentration

MS/MSD sample: 12/14

Compound	Spike Added (<u>MSD</u>)		Sample Concentration (<u>MSD</u>)	Spiked Sample Concentration (<u>MSD</u>)		Matrix Spike		Matrix Spike Duplicate		MS/MSD	
	MS	MSD		MS	MSD	Percent Recovery		Percent Recovery		RPD	
						Reported	Recalc	Reported	Recalc	Reported	Recalculated
1,1-Dichloroethene	<u>25.0</u>	<u>25.0</u>	<u>ND</u>	<u>25.96</u>	<u>24.47</u>	<u>104</u>	<u>104</u>	<u>97.9</u>	<u>97.9</u>	<u>5.91</u>	<u>5.91</u>
Trichloroethene	↓	↓	<u>0.21</u>	<u>23.82</u>	<u>22.38</u>	<u>94.4</u>	<u>94.4</u>	<u>88.7</u>	<u>88.7</u>	<u>6.23</u>	<u>6.23</u>
Benzene	↓	↓	<u>ND</u>	<u>25.96</u>	<u>24.72</u>	<u>104</u>	<u>104</u>	<u>98.9</u>	<u>98.9</u>	<u>4.89</u>	<u>4.89</u>
Toluene	↓	↓	↓	<u>24.20</u>	<u>23.14</u>	<u>96.8</u>	<u>96.8</u>	<u>92.6</u>	<u>92.6</u>	<u>4.48</u>	<u>4.48</u>
Chlorobenzene	↓	↓	↓	<u>24.61</u>	<u>23.68</u>	<u>98.4</u>	<u>98.4</u>	<u>94.7</u>	<u>94.7</u>	<u>3.85</u>	<u>3.85</u>

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.

VALIDATION FINDINGS WORKSHEET

Laboratory Control Sample Results Verification

METHOD: GC/MS VOA (EPA Method 524.2)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratory 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 = | LCSC - LCSDC | * 2 / (LCSC + LCSDC)

LCSC = Laboratory control sample concentration LCSDC = Laboratory control sample duplicate concentration

LCS ID: B145733-B51

Compound	Spike Added (<u>NA</u>)		Spiked Sample Concentration (<u>NA</u>)		LCS		LCSD		LCS/LCSD	
	LCS	LCSD	LCS	LCSD	Percent Recovery		Percent Recovery		RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	<u>25.0</u>	<u>NA</u>	<u>26.00</u>	<u>NA</u>	<u>104</u>	<u>104</u>				
Trichloroethene	↓	↓	<u>23.00</u>	↓	<u>92</u>	<u>92</u>				
Benzene	↓	↓	<u>26.15</u>	↓	<u>105</u>	<u>105</u>				
Toluene	↓	↓	<u>24.13</u>	↓	<u>96.5</u>	<u>96.5</u>				
Chlorobenzene	↓	↓	<u>24.53</u>	↓	<u>98.1</u>	<u>98.1</u>				

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.

VALIDATION FINDINGS WORKSHEET Sample Calculation Verification

METHOD: GC/MS VOA (EPA Method 524.2)

- N N/A Were all reported results recalculated and verified for all level IV samples?
- 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. =
$$\frac{(4088)(10^0)(1)}{(240981)(0.8575)(503)}$$

= 0.14 ABV

#	Sample ID	Compound	Reported Concentration	Calculated Concentration	Qualification
	<u>2</u>	<u>K</u>	<u>0.14</u>		

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Chromium

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218155

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-14-3	2218155-04	Water	08/02/22
MW-14-2	2218155-05	Water	08/02/22
MW-25-5	2218155-06	Water	08/02/22
MW-25-4	2218155-07	Water	08/02/22
MW-25-3	2218155-08	Water	08/02/22
MW-25-2	2218155-09	Water	08/02/22
DUP-2-3Q22	2218155-10	Water	08/02/22
MW-25-1	2218155-11	Water	08/02/22
EB-2-080222	2218155-12	Water	08/02/22

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 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. 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.

VI. Field Blanks

Sample EB-2-080222 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-25-2 and DUP-2-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-25-2	DUP-2-3Q22	
Chromium	1.8	1.9	5

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.

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

NASA JPL, 3Q2022
Chromium - Data Qualification Summary - SDG 2218155

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218155

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218155

No Sample Data Qualified in this SDG

LDC #: 55041B4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/28/22


SDG #: 2218155

Level IV

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

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	<i>not required</i>
V.	Laboratory Blanks	A	
VI.	Field Blanks	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	(6, 7)
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-14-3	2218155-04	Water	08/02/22
2	MW-14-2	2218155-05	Water	08/02/22
3	MW-25-5	2218155-06	Water	08/02/22
4	MW-25-4	2218155-07	Water	08/02/22
5	MW-25-3	2218155-08	Water	08/02/22
6	MW-25-2	2218155-09	Water	08/02/22
7	DUP-2-3Q22	2218155-10	Water	08/02/22
8	MW-25-1	2218155-11	Water	08/02/22
9	EB-2-080222	2218155-12	Water	08/02/22
10				
11				

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 isotopes in the tuning solution ≤5%?	Yes			
III. Calibration				
Were all instruments 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 specified 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?		No		
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 within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
VII. Laboratory Control Samples				
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%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Target Analyte Quantitation				
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 identified in this SDG?	Yes			
Were target analytes detected in the field duplicates?	Yes			
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?		No		

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	6	7		
Chromium	1.8	1.9	5	

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

An initial 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:

$$\%R = (\text{Found}/\text{True}) \times 100$$

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)	Recalculated %R	Reported %R	Acceptable (Y/N)
2214388-ICV1	ICP-MS	Cr	49.627	50	99.254	99.3	Y
2214413-CCV8	ICP-MS	Cr	38.223	40	95.5575	95.6	Y
2214388-CRL2	ICP-MS	Cr	2.837	3	94.56666667	94.6	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
8/5/22 at 06:38	Mass Axis	7.016	7.026	± 0.1 amu
8/5/22 at 06:34	%RSD	24	0.60%	≤ 5%

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:

$$\%R = (\text{Found}/\text{True}) \times 100$$

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:

$$\text{RPD} = (\text{Absolute value}(S-D) \times 200) / (S+D)$$

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

$$\%D = (\text{Absolute value}(I - \text{SDR})) \times 100 / (I)$$

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	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
B145890-BS1	LCS	Cr	38.565	40	96.4125	96.4	Y

VALIDATION FINDINGS CHECKLIST
Sample Calculation Verification

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

Analytes were recalculated and verified using the following equation:

$$\text{Concentration} = (\text{Result from raw data} \times \text{Final volume} \times \text{Dilution factor}) / (\text{Initial volume})$$

Sample ID	Analyte	Raw Data (ug/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalculated Result (ug/L)	Acceptable (Y/N)
1	Cr	0.23	1	50	50	0.50U	0.23	Y
2	Cr	-0.239	1	50	50	0.50U	-0.239	Y
3	Cr	0.481	1	50	50	0.50U	0.481	Y
4	Cr	0.404	1	50	50	0.50U	0.404	Y
5	Cr	2.164	1	50	50	2.2	2.164	Y
6	Cr	1.766	1	50	50	1.8	1.766	Y
7	Cr	1.858	1	50	50	1.9	1.858	Y
8	Cr	3.565	1	50	50	3.6	3.565	Y
9	Cr	-0.516	1	50	50	0.50U	-0.516	Y

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Wet Chemistry

Validation Level: Level IV

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218155

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-14-5	2218155-02	Water	08/02/22
MW-14-4	2218155-03	Water	08/02/22
MW-14-3	2218155-04	Water	08/02/22
MW-14-2	2218155-05	Water	08/02/22
MW-25-5	2218155-06	Water	08/02/22
MW-25-4	2218155-07	Water	08/02/22
MW-25-3	2218155-08	Water	08/02/22
MW-25-2	2218155-09	Water	08/02/22
DUP-2-3Q22	2218155-10	Water	08/02/22
MW-25-1	2218155-11	Water	08/02/22
EB-2-080222	2218155-12	Water	08/02/22
MW-14-4MS	2218155-03MS	Water	08/02/22
MW-14-4MSD	2218155-03MSD	Water	08/02/22
MW-14-4DUP	2218155-03DUP	Water	08/02/22
MW-14-3MS	2218155-04MS	Water	08/02/22
MW-14-3MSD	2218155-04MSD	Water	08/02/22
MW-14-3DUP	2218155-04DUP	Water	08/02/22

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 methods:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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 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
EB-2-080222	Hexavalent chromium	48 hours	24 hours	J (all detects)	P

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	0.041 ug/L	MW-14-3 MW-14-2 MW-25-5 MW-25-4 MW-25-3 MW-25-2 DUP-2-3Q22 MW-25-1 EB-2-080222

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-25-5	Hexavalent chromium	0.000099 mg/L	0.000099U mg/L

Sample	Analyte	Reported Concentration	Modified Final Concentration
EB-2-080222	Hexavalent chromium	0.000087 mg/L	0.000087U mg/L

V. Field Blanks

Sample EB-2-080222 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-2-080222	08/02/22	Hexavalent chromium	0.000087 mg/L	MW-14-3 MW-14-2 MW-25-5 MW-25-4 MW-25-3 MW-25-2 DUP-2-3Q22 MW-25-1

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-14-3	Hexavalent chromium	0.00031 mg/L	0.00031U mg/L
MW-14-2	Hexavalent chromium	0.00024 mg/L	0.00024U mg/L
MW-25-5	Hexavalent chromium	0.000099 mg/L	0.000099U mg/L
MW-25-1	Hexavalent chromium	0.00040 mg/L	0.00040U 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-25-2 and DUP-2-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration		RPD
	MW-25-2	DUP-2-3Q22	
Hexavalent chromium	0.0027 mg/L	0.0029 mg/L	7
Perchlorate	12 ug/L	11 ug/L	9

X Target Analyte Quantitation

All target analyte quantitations were acceptable.

XI. Overall Assessment of Data

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

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

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

Due to equipment 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, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218155

Sample	Analyte	Flag	A or P	Reason
EB-2-080222	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218155

Sample	Analyte	Modified Final Concentration	A or P
MW-25-5	Hexavalent chromium	0.000099U mg/L	A
EB-2-080222	Hexavalent chromium	0.000087U mg/L	A

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218155

Sample	Analyte	Modified Final Concentration	A or P
MW-14-3	Hexavalent chromium	0.00031U mg/L	A
MW-14-2	Hexavalent chromium	0.00024U mg/L	A
MW-25-5	Hexavalent chromium	0.000099U mg/L	A
MW-25-1	Hexavalent chromium	0.00040U mg/L	A

LDC #: 55041B6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/28/22

SDG #: 2218155

Level IV

Page: 1 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: [Signature]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

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 = 11
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(8, 9)
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-14-5	2218155-02	Water	08/02/22
2	MW-14-4	2218155-03	Water	08/02/22
3	MW-14-3	2218155-04	Water	08/02/22
4	MW-14-2	2218155-05	Water	08/02/22
5	MW-25-5	2218155-06	Water	08/02/22
6	MW-25-4	2218155-07	Water	08/02/22
7	MW-25-3	2218155-08	Water	08/02/22
8	MW-25-2	2218155-09	Water	08/02/22
9	DUP-2-3Q22	2218155-10	Water	08/02/22
10	MW-25-1	2218155-11	Water	08/02/22
11	EB-2-080222	2218155-12	Water	08/02/22
12	MW-14-4MS	2218155-03MS	Water	08/02/22
13	MW-14-4MSD	2218155-03MSD	Water	08/02/22

LDC #: 55041B6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/28/22

SDG #: 2218155

Level IV

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: MC

2nd Reviewer: [Signature]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

	Client ID	Lab ID	Matrix	Date
14	MW-14-4DUP	2218155-03DUP	Water	08/02/22
15	MW-14-3MS	2218155-04MS	Water	08/02/22
16	MW-14-3MSD	2218155-04MSD	Water	08/02/22
17	MW-14-3DUP	2218155-04DUP	Water	08/02/22
18				
19				
20				

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 specified 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?		No		
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 identified in this SDG?	Yes			
Were target analytes detected in the field duplicates?	Yes			
XIII. Field Blanks				
Were field blanks identified in this SDG?	Yes			
Were target analytes detected in the field blanks?	Yes			

Sample Specific Element Reference

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1 to 11	Perchlorate
3 to 11	Cr6+
QC	
12, 13	Perchlorate
14	Perchlorate
15, 16	Cr6+
17	Cr6+

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the required holding time with the following exceptions:

		Method: 218.6 Analyte: Cr6+ Holding Time: 24 hours			
Sample ID	Sampling Date	Analysis Date	Total Time from Collection to Analysis	Qualifier	Det/ND
11	8/2/2022	8/4/2022	48	J/UJ/P	Det

Preservation

Sample ID	Preservation	Preservation Requirement (pH)	Qualifier	Det/ND

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 3 to 11

				Sample Identification								
Analyte	PB (units)	Maximum ICB/CCB (ug/L)	Action Level (mg/L)	5	11							
Cr6+		0.041	0.00021	0.000099U	0.000087U							

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/2/22

Associated Samples: 3-10

			Sample Identification										
Analyte	Blank ID	Action Level	3	4	5	10							
	11												
Cr6+	0.000087	0.000435	0.00031	0.00024	0.00099	0.00040							

Comments: The action level, when applicable, is established at 5X the highest concentration.

Field Duplicates

Method: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	8	9		
Cr6+	0.0027	0.0029	7	

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	8	9		
Perchlorate	12	11	9	

VALIDATION FINDINGS CHECKLIST
Initial and Continuing Calibration Calculation Verification

METHOD: Inorganics

The correlation coefficient (r) for the calibration of ClO₄⁻ were recalculated.

Calibration date: 8/15/22

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

$$\%R = (\text{Found}/\text{True}) \times 100$$

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 (ug/L)	Area	Recalculated r or r ²	Reported r or r ²	Acceptable (Y/N)
Initial Calibration	ClO ₄ ⁻	s1	0	0.01	0.999974	0.998426	Y
		s2	0.2	0.068			
		s3	2	0.621			
		s4	10	3.098			
		s5	25	7.743			
		s6	50	15.639			
		s7					
		s8					
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (ug/L)	True (ug/L)		Recalculated r or r ²	Reported r or r ²	Acceptable (Y/N)
2214627-ICV1	Cr6+	24.575	25		98.3	98.3	Y
2214627-CCV1	Cr6+	24.622	25		98.488	98.5	Y
2215281-CCV2	Perchlorate	10.2981	10		102.981	103	Y

METHOD: Inorganics

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

$$\%R = (\text{Found}/\text{True}) \times 100$$

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:

$$\text{RPD} = (\text{Absolute value}(S-D) \times 200) / (S+D)$$

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)
B146694-BS1	LCS	Perchlorate	10.393	10	103.93	104	Y
B145926-MS1	MS	Cr6+	0.019518	0.020202	96.61419661	96.6	Y
B145926-DUP1	Duplicate	Cr6+	0.000309	0.000308	0.324149109	0.324	Y

VALIDATION FINDINGS CHECKLIST
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 (ppm)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
3	Cr6+	0.000309	1	20	20	0.00031	0.000309	Y
4	Cr6+	0.000244	1	20	20	0.00024	0.000244	Y
5	Cr6+	0.000099	1	20	20	0.000099	0.000099	Y
6	Cr6+	0.001208	1	20	20	0.0012	0.001208	Y
7	Cr6+	0.003548	1	20	20	0.0035	0.003548	Y
8	Cr6+	0.002729	1	20	20	0.0027	0.002729	Y
9	Cr6+	0.002862	1	20	20	0.0029	0.002862	Y
10	Cr6+	0.000398	1	20	20	0.0004	0.000398	Y
11	Cr6+	0.000087	1	20	20	0.000087	0.000087	Y

Sample ID	Analyte	Raw Data (ppb)	Dilution	Initial Volume (mL)	Final Volume (mL)	Reported Result (ug/L)	Recalculated Result (ug/L)	Acceptable (Y/N)
1	Perchlorate	0	1	20	20	0.81U	0	Y
2	Perchlorate	3.7281	1	20	20	3.7	3.7281	Y
3	Perchlorate	4.2115	1	20	20	4.2	4.2115	Y
4	Perchlorate	3.1695	1	20	20	3.2	3.1695	Y
5	Perchlorate	0	1	20	20	0.81U	0	Y
6	Perchlorate	8.6233	1	20	20	8.6	8.6233	Y
7	Perchlorate	9.5446	1	20	20	9.5	9.5446	Y
8	Perchlorate	11.691	1	20	20	12	11.691	Y
9	Perchlorate	11.0844	1	20	20	11	11.0844	Y
10	Perchlorate	6.6742	1	20	20	6.7	6.6742	Y
11	Perchlorate	0	1	20	20	0.81U	0	Y

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 12, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218429

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-3-080322	2218429-01	Water	08/03/22
MW-17-4	2218429-02	Water	08/03/22
MW-17-3	2218429-03	Water	08/03/22
MW-17-2	2218429-04	Water	08/03/22
MW-3-4	2218429-05	Water	08/03/22
MW-3-3	2218429-06	Water	08/03/22
MW-3-2	2218429-07	Water	08/03/22
EB-3-080322	2218429-08	Water	08/03/22
MW-3-4MS	2218429-05MS	Water	08/03/22
MW-3-4MSD	2218429-05MSD	Water	08/03/22

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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2218429	UJ (all non-detects)	P

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
08/05/22	Pentachloroethane	97.6	All samples in SDG 2218429	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-3-080322 was identified as a trip blank. No contaminants were found.

Sample EB-3-080322 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. Target 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 ICV %D and 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, 3Q2022
Volatiles - Data Qualification Summary - SDG 2218429

Sample	Analyte	Flag	A or P	Reason
TB-3-080322 MW-17-4 MW-17-3 MW-17-2 MW-3-4 MW-3-3 MW-3-2 EB-3-080322	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)
TB-3-080322 MW-17-4 MW-17-3 MW-17-2 MW-3-4 MW-3-3 MW-3-2 EB-3-080322	Pentachloroethane	UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218429

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2218429

No Sample Data Qualified in this SDG

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/M	RSD ≤ 20%. 1 ² ICV ≤ 30%
IV.	Continuing calibration	M	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB = 1. EB = 8
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	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	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	TB-3-080322	2218429-01	Water	08/03/22
2	MW-17-4	2218429-02	Water	08/03/22
3	MW-17-3	2218429-03	Water	08/03/22
4	MW-17-2	2218429-04	Water	08/03/22
5	MW-3-4	2218429-05	Water	08/03/22
6	MW-3-3	2218429-06	Water	08/03/22
7	MW-3-2	2218429-07	Water	08/03/22
8	EB-3-080322	2218429-08	Water	08/03/22
9	MW-3-4MS	2218429-05MS	Water	08/03/22
10	MW-3-4MSD	2218429-05MSD	Water	08/03/22
11				
12				
13	BH5970			
14				

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	WWWWW. 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. 1,1,1,2-Tetrafluoroethane

VALIDATION FINDINGS WORKSHEET

Initial Calibration Verification

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".

 N **N/A** Was an initial calibration verification standard analyzed after each ICAL for each instrument? **Y** **N/A** Were all %D within the validation criteria of ≤ 30 %D?

#	Date	Standard ID	Compound	Finding %D (Limit: $\leq 30.0\%$)	Associated Samples	Qualifications
	8/5/20	04-AUG-59	2222	51.1	All (NO)	J/WLP

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
	8/5/22	05A11921	2222	97.6	All (ND)	✓/N/A

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218429

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-17-4	2218429-02	Water	08/03/22
MW-17-3	2218429-03	Water	08/03/22
MW-17-2	2218429-04	Water	08/03/22
MW-3-4	2218429-05	Water	08/03/22
MW-3-3	2218429-06	Water	08/03/22
MW-3-2	2218429-07	Water	08/03/22
EB-3-080322	2218429-08	Water	08/03/22
MW-3-4MS	2218429-05MS	Water	08/03/22
MW-3-4MSD	2218429-05MSD	Water	08/03/22
MW-3-4DUP	2218429-05DUP	Water	08/03/22

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-3-080322 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)

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, 3Q2022
Chromium - Data Qualification Summary - SDG 2218429

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218429

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218429

No Sample Data Qualified in this SDG

LDC #: 55041C4a**VALIDATION COMPLETENESS WORKSHEET**Date: 12/28/22SDG #: 2218429

Level III

Page: 1 of 1Laboratory: BC Laboratories, Inc., Bakersfield, CAReviewer: NC2nd Reviewer: [Signature]**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	<i>not required</i>
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 7
VII.	Matrix Spike/Matrix Spike Duplicates	A	
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	A	
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-17-4	2218429-02	Water	08/03/22
2	MW-17-3	2218429-03	Water	08/03/22
3	MW-17-2	2218429-04	Water	08/03/22
4	MW-3-4	2218429-05	Water	08/03/22
5	MW-3-3	2218429-06	Water	08/03/22
6	MW-3-2	2218429-07	Water	08/03/22
7	EB-3-080322	2218429-08	Water	08/03/22
8	MW-3-4MS	2218429-05MS	Water	08/03/22
9	MW-3-4MSD	2218429-05MSD	Water	08/03/22
10	MW-3-4DUP	2218429-05DUP	Water	08/03/22
11				

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218429

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-17-4	2218429-02	Water	08/03/22
MW-17-3	2218429-03	Water	08/03/22
MW-17-2	2218429-04	Water	08/03/22
MW-3-4	2218429-05	Water	08/03/22
MW-3-3	2218429-06	Water	08/03/22
MW-3-2	2218429-07	Water	08/03/22
EB-3-080322	2218429-08	Water	08/03/22
MW-3-4MS	2218429-05MS	Water	08/03/22
MW-3-4MSD	2218429-05MSD	Water	08/03/22
MW-3-4DUP	2218429-05DUP	Water	08/03/22

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 methods:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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-17-4	Hexavalent chromium	56 hours	24 hours	J (all detects)	P
MW-17-3	Hexavalent chromium	55 hours	24 hours	J (all detects)	P
MW-3-3	Hexavalent chromium	53 hours	24 hours	J (all detects)	P

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
PB (prep blank)	Hexavalent chromium	0.000044 mg/L	All samples in SDG 2218429
ICB/CCB	Hexavalent chromium	0.04 ug/L	All samples in SDG 2218429

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	Hexavalent chromium	0.000086 mg/L	0.000086U mg/L

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-17-2	Hexavalent chromium	0.000087 mg/L	0.000087U mg/L
EB-3-080322	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L

V. Field Blanks

Sample EB-3-080322 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-3-080322	08/03/22	Hexavalent chromium	0.00016 mg/L	MW-17-4 MW-17-3 MW-17-2 MW-3-4 MW-3-3 MW-3-2

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-17-3	Hexavalent chromium	0.000086 mg/L	0.000086U mg/L
MW-17-2	Hexavalent chromium	0.000087 mg/L	0.000087U mg/L
MW-3-4	Hexavalent chromium	0.00040 mg/L	0.00040U mg/L
MW-3-3	Hexavalent chromium	0.00042 mg/L	0.00042U mg/L
MW-3-2	Hexavalent chromium	0.00039 mg/L	0.00039U 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

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 technical holding time, data were qualified as estimated in three samples.

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

Due to equipment blank contamination, data were qualified as not detected in five samples.

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

NASA JPL, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218429

Sample	Analyte	Flag	A or P	Reason
MW-17-4 MW-17-3 MW-3-3	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218429

Sample	Analyte	Modified Final Concentration	A or P
MW-17-3	Hexavalent chromium	0.000086U mg/L	A
MW-17-2	Hexavalent chromium	0.000087U mg/L	A
EB-3-080322	Hexavalent chromium	0.00016U mg/L	A

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218429

Sample	Analyte	Modified Final Concentration	A or P
MW-17-3	Hexavalent chromium	0.000086U mg/L	A
MW-17-2	Hexavalent chromium	0.000087U mg/L	A
MW-3-4	Hexavalent chromium	0.00040U mg/L	A
MW-3-3	Hexavalent chromium	0.00042U mg/L	A
MW-3-2	Hexavalent chromium	0.00039U mg/L	A

LDC #: 55041C6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/28/22

SDG #: 2218429

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: **METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)**

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 = 7
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
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-17-4	2218429-02	Water	08/03/22
2	MW-17-3	2218429-03	Water	08/03/22
3	MW-17-2	2218429-04	Water	08/03/22
4	MW-3-4	2218429-05	Water	08/03/22
5	MW-3-3	2218429-06	Water	08/03/22
6	MW-3-2	2218429-07	Water	08/03/22
7	EB-3-080322	2218429-08	Water	08/03/22
8	MW-3-4MS	2218429-05MS	Water	08/03/22
9	MW-3-4MSD	2218429-05MSD	Water	08/03/22
10	MW-3-4DUP	2218429-05DUP	Water	08/03/22
11				
12				
13				
14				

All elements are applicable to each sample as noted below.

Sample ID	Target Analyte List
1 to 7	Cr6+, Perchlorate
QC	
8 to 10	Cr6+, Perchlorate

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the required holding time with the following exceptions:

		Method: 218.6 Analyte: Cr6+ Holding Time: 24 hours			
Sample ID	Sampling Date	Analysis Date	Total Time from Collection to Analysis	Qualifier	Det/ND
1	8/3/2022	8/5/2022	56 hours	J/R/P	Det
2	8/3/2022	8/5/2022	55 hours	J/R/P	Det
5	8/3/2022	8/5/2022	53 hours	J/R/P	Det

Preservation

Sample ID	Preservation	Preservation Requirement (pH)	Qualifier	Det/ND

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 1 to 7

				Sample Identification									
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level	2	3	7							
Cr6+	0.000044		0.00022	0.000086U	0.000087U	0.00016U							
Cr6+		0.04	0.0002	see above	see above	see above							

Comments: The listed analyte concentrtaion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/3/22

Associated Samples: 1-6

			Sample Identification											
Analyte	Blank ID	Action Level	2	3	4	5	6							
	7													
Cr6+	0.00016	0.0008	0.00086	0.00087	0.00090	0.00092	0.00097							

Comments: The action level, when applicable, is established at 5X the highest concentration.

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: NASA JPL, 3Q2022
LDC Report Date: October 12, 2022
Parameters: Volatiles
Validation Level: Level III
Laboratory: BC Laboratories, Inc., Bakersfield, CA
Sample Delivery Group (SDG): 2218492

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-4-080422	2218492-01	Water	08/04/22
MW-22-3	2218492-02	Water	08/04/22
MW-22-2	2218492-03	Water	08/04/22
MW-24-3	2218492-05	Water	08/04/22
MW-24-2	2218492-06	Water	08/04/22
DUP-3-3Q22	2218492-07	Water	08/04/22
MW-24-1	2218492-08	Water	08/04/22
EB-4-080422	2218492-09	Water	08/04/22

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%.

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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2218492	UJ (all non-detects)	P

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
08/10/22	Methyl iodide Pentachloroethane	55.5 61.2	All samples in SDG 2218492	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-4-080422 was identified as a trip blank. No contaminants were found.

Sample EB-4-080422 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

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-24-2 and DUP-3-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-24-2	DUP-3-3Q22	
Chloroform	0.81	0.89	9

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 ICV %D and 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, 3Q2022
Volatiles - Data Qualification Summary - SDG 2218492

Sample	Analyte	Flag	A or P	Reason
TB-4-080422 MW-22-3 MW-22-2 MW-24-3 MW-24-2 DUP-3-3Q22 MW-24-1 EB-4-080422	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)
TB-4-080422 MW-22-3 MW-22-2 MW-24-3 MW-24-2 DUP-3-3Q22 MW-24-1 EB-4-080422	Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

LDC #: 55041D1a

VALIDATION COMPLETENESS WORKSHEET

Date: 10/1/22

SDG #: 2218492

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

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	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A, W	RSB ≤ 20%. Y ² RAE ≤ 30%
IV.	Continuing calibration	W	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB = 1 EB = 8
VII.	Surrogate spikes	A	CS
VIII.	Matrix spike/Matrix spike duplicates	N	CS
IX.	Laboratory control samples	A	LCs
X.	Field duplicates	W	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-4-080422	2218492-01	Water	08/04/22
2	MW-22-3	2218492-02	Water	08/04/22
3	MW-22-2	2218492-03	Water	08/04/22
4	MW-24-3	2218492-05	Water	08/04/22
5	MW-24-2	2218492-06	Water	08/04/22
6	DUP-3-3Q22	2218492-07	Water	08/04/22
7	MW-24-1	2218492-08	Water	08/04/22
8	EB-4-080422	2218492-09	Water	08/04/22
9				

Notes:

BK6306					

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. 1,1,1,2-Tetrafluoroethane

VALIDATION FINDINGS WORKSHEET
Initial Calibration Verification

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".

N N/A Was an initial calibration verification standard analyzed after each ICAL for each instrument?

Y N N/A Were all %D within the validation criteria of ≤ 30 %D?

#	Date	Standard ID	Compound	Finding %D (Limit: $\leq 30.0\%$)	Associated Samples	Qualifications
	<u>8/5/22</u>	<u>04AUG59</u>	<u>2222</u>	<u>51.1</u>	<u>All (ND)</u>	<u>N/A</u>

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".

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
	8/10/22	10AUG03	Methyl iodide 2222	55.5 61.2	X11 (NO)	✓ N/A d

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GCMS VOA (EPA SW 846 Method 524.2)

Y N NA Were field duplicate pairs identified in this SDG?

Y N NA Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		RPD
	5	6	
K	0.81	0.89	9

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218492

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-22-3	2218492-02	Water	08/04/22
MW-22-2	2218492-03	Water	08/04/22
MW-24-4	2218492-04	Water	08/04/22
MW-24-3	2218492-05	Water	08/04/22
MW-24-2	2218492-06	Water	08/04/22
DUP-3-3Q22	2218492-07	Water	08/04/22
MW-24-1	2218492-08	Water	08/04/22
EB-4-080422	2218492-09	Water	08/04/22

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-4-080422 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-24-2 and DUP-3-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-24-2	DUP-3-3Q22	
Chromium	2.0	1.7	16

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, 3Q2022
Chromium - Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

LDC #: 55041D4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/29/22

SDG #: 2218492

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

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	
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 8
VII.	Matrix Spike/Matrix Spike Duplicates	A x	From SDG # 2218561 (MW-23-2MS/MSD)
VIII.	Duplicate sample analysis	A x	↓ (↓ DUP)
IX.	Serial Dilution	A x	↓ (↓)
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(5, 6)
XII.	Internal Standard (ICP-MS)	N	
XIII.	Target Analyte Quantitation	N	
XIV.	Overall Assessment of Data	N	

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-22-3	2218492-02	Water	08/04/22
2	MW-22-2	2218492-03	Water	08/04/22
3	MW-24-4	2218492-04	Water	08/04/22
4	MW-24-3	2218492-05	Water	08/04/22
5	MW-24-2	2218492-06	Water	08/04/22
6	DUP-3-3Q22	2218492-07	Water	08/04/22
7	MW-24-1	2218492-08	Water	08/04/22
8	EB-4-080422	2218492-09	Water	08/04/22
9				
10				
11				

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	5	6		
Chromium	2.0	1.7	16	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218492

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-22-3	2218492-02	Water	08/04/22
MW-22-2	2218492-03	Water	08/04/22
MW-24-4	2218492-04	Water	08/04/22
MW-24-3	2218492-05	Water	08/04/22
MW-24-2	2218492-06	Water	08/04/22
DUP-3-3Q22	2218492-07	Water	08/04/22
MW-24-1	2218492-08	Water	08/04/22
EB-4-080422	2218492-09	Water	08/04/22
MW-22-3MS	2218492-02MS	Water	08/04/22
MW-22-3MSD	2218492-02MSD	Water	08/04/22
MW-22-3DUP	2218492-02DUP	Water	08/04/22
MW-24-1MS	2218492-08MS	Water	08/04/22
MW-24-1MSD	2218492-08MSD	Water	08/04/22
MW-24-1DUP	2218492-08DUP	Water	08/04/22

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 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

Perchlorate by EPA Method 314.0

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-22-3 MW-22-2	Hexavalent chromium	202 hours	24 hours	J (all detects)	P
MW-24-4 MW-24-2 DUP-3-3Q22	Hexavalent chromium	200 hours	24 hours	J (all detects)	P
MW-24-3	Hexavalent chromium	200 hours	24 hours	R (all non-detects)	P
MW-24-1 EB-4-080422	Hexavalent chromium	199 hours	24 hours	J (all detects)	P

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
PB (prep blank)	Chloride	0.133 mg/L	MW-24-1
ICB/CCB	Chloride Sulfate	0.151 mg/L 0.15 mg/L	MW-24-1

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.

V. Field Blanks

Sample EB-4-080422 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-4-080422	08/04/22	Hexavalent chromium	0.00008 mg/L	MW-22-3 MW-22-2 MW-24-4 MW-24-3 MW-24-2 DUP-3-3Q22 MW-24-1

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-24-4	Hexavalent chromium	0.000098 mg/L	0.000098U mg/L
MW-24-1	Hexavalent chromium	0.00027 mg/L	0.00027U 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-24-2 and DUP-3-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration		RPD
	MW-24-2	DUP-3-3Q22	
Hexavalent chromium	0.0017 mg/L	0.0018 mg/L	6
Perchlorate	15 ug/L	15 ug/L	0

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 methods.

Due to technical holding time, data were rejected in one sample.

Due to technical holding time, data were qualified as estimated in seven samples.

Due to equipment 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, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218492

Sample	Analyte	Flag	A or P	Reason
MW-22-3 MW-22-2 MW-24-4 MW-24-2 DUP-3-3Q22 MW-24-1 EB-4-080422	Hexavalent chromium	J (all detects)	P	Technical holding times
MW-24-3	Hexavalent chromium	R (all non-detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218492

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218492

Sample	Analyte	Modified Final Concentration	A or P
MW-24-4	Hexavalent chromium	0.000098U mg/L	A
MW-24-1	Hexavalent chromium	0.00027U mg/L	A

LDC #: 55041D6

VALIDATION COMPLETENESS WORKSHEET


Date: 12/29/22

SDG #: 2218492

Level III

Page: 1 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
2nd Reviewer: **METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Nitrite-N (EPA Method 353.2), Hexavalent Chromium (EPA Method 218.6), Orthophosphate-P (EPA Method 365.1), Perchlorate (EPA Method 314.0)**

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 = 8
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(5, 6)
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-22-3	2218492-02	Water	08/04/22
2	MW-22-2	2218492-03	Water	08/04/22
3	MW-24-4	2218492-04	Water	08/04/22
4	MW-24-3	2218492-05	Water	08/04/22
5	MW-24-2	2218492-06	Water	08/04/22
6	DUP-3-3Q22	2218492-07	Water	08/04/22
7	MW-24-1	2218492-08	Water	08/04/22
8	EB-4-080422	2218492-09	Water	08/04/22
9	MW-22-3MS	2218492-02MS	Water	08/04/22
10	MW-22-3MSD	2218492-02MSD	Water	08/04/22
11	MW-22-3DUP	2218492-02DUP	Water	08/04/22
12	MW-24-1MS	2218492-08MS	Water	08/04/22
13	MW-24-1MSD	2218492-08MSD	Water	08/04/22

LDC #: 55041D6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/29/22

SDG #: 2218492

Level III

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
2nd Reviewer: Q

METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Nitrite-N (EPA Method 353.2), Hexavalent Chromium (EPA Method 218.6), Orthophosphate-P (EPA Method 365.1), Perchlorate (EPA Method 314.0)

	Client ID	Lab ID	Matrix	Date
14	MW-24-1DUP	2218492-08DUP	Water	08/04/22
15				
16				

Notes: _____

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L Associated Samples: 7

				Sample Identification									
Analyte	PB (mg/L)	Maximum ICB/CCB (mg/L)	Action Level										
Cl	0.133		0.665										
Cl		0.151	0.755										
SO4		0.15	0.75										

Comments: The listed analyte concentrtraion is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/4/22

Associated Samples: 1-7

			Sample Identification											
Analyte	Blank ID	Action Level	3	7										
	8													
Cr6+	0.00008	0.0004	0.00098	0.00027										

Comments: The action level, when applicable, is established at 5X the highest concentration.

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	5	6		
Cr6+	0.0017	0.0018	6	
Perchlorate (µg/L)	15	15	0	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 12, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218561

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-5-080522	2218561-01	Water	08/05/22
MW-23-3	2218561-03	Water	08/05/22
MW-23-2	2218561-04	Water	08/05/22
MW-26-2	2218561-05	Water	08/05/22
DUP-4-3Q22	2218561-06	Water	08/05/22
EB-5-080522	2218561-07	Water	08/05/22
MW-23-2MS	2218561-04MS	Water	08/05/22
MW-23-2MSD	2218561-04MSD	Water	08/05/22

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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2218561	UJ (all non-detects)	P

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
08/10/22	Methyl iodide Pentachloroethane	55.5 61.2	All samples in SDG 2218561	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-5-080522 was identified as a trip blank. No contaminants were found.

Sample EB-5-080522 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-26-2 and DUP-4-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-26-2	DUP-4-3Q22	
Chloroform	1.2	1.3	8
Tetrachloroethene	1.1	1.1	0
Trichloroethene	0.21	0.20	5

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 ICV %D and continuing calibration %D, data were qualified as estimated in six samples.

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

NASA JPL, 3Q2022
Volatiles - Data Qualification Summary - SDG 2218561

Sample	Analyte	Flag	A or P	Reason
TB-5-080522 MW-23-3 MW-23-2 MW-26-2 DUP-4-3Q22 EB-5-080522	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)
TB-5-080522 MW-23-3 MW-23-2 MW-26-2 DUP-4-3Q22 EB-5-080522	Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

LDC #: 55041E1a

VALIDATION COMPLETENESS WORKSHEET

Date: 10/11/22

SDG #: 2218561

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: [Signature]

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	
II.	GC/MS Instrument performance check	A	
III.	Initial calibration/ICV	A/M	RSD ≤ 20%. Y ² CV ≤ 30%
IV.	Continuing calibration	M	CCV ≤ 30%
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	TB = 1 EB = 6
VII.	Surrogate spikes	A	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LCS
X.	Field duplicates	M	D = A+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-5-080522	2218561-01	Water	08/05/22
2	MW-23-3	2218561-03	Water	08/05/22
3	MW-23-2	2218561-04	Water	08/05/22
4	MW-26-2	2218561-05	Water	08/05/22
5	DUP-4-3Q22	2218561-06	Water	08/05/22
6	EB-5-080522	2218561-07	Water	08/05/22
7	MW-23-2MS	2218561-04MS	Water	08/05/22
8	MW-23-2MSD	2218561-04MSD	Water	08/05/22
9				

Notes:

BLK6306					

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. 1,1,1,2-Tetrafluoroethane

LDC #: 550412/a

VALIDATION FINDINGS WORKSHEET Initial Calibration Verification

Page: 1 of 1
Reviewer: [Signature]
2nd Reviewer: _____

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".

N N/A Was an initial calibration verification standard analyzed after each ICAL for each instrument?

N N/A Were all %D within the validation criteria of ≤30 %D?

#	Date	Standard ID	Compound	Finding %D (Limit: <30.0%)	Associated Samples	Qualifications
	3/5/2	2484659	2222	51.1	All (ND)	Y/N/A

LDC #: 55712/0

VALIDATION FINDINGS WORKSHEET Continuing Calibration

Page: 1 of 1
Reviewer: [Signature]
2nd Reviewer: _____

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".

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

N N/A Were all percent differences (%D) $\leq 30\%$?

#	Date	Standard ID	Compound	Finding %D (Limit: $\leq 30.0\%$)	Associated Samples	Qualifications
	8/10/22	10 AUG 23	Methyl iodide 2222	59.5 61.2	All (NO)	<input checked="" type="checkbox"/> V/U/P ↓ <input checked="" type="checkbox"/>

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GCMS VOA (EPA SW 846 Method 524.2)

Y N NA Were field duplicate pairs identified in this SDG?

Y N NA Were target analytes detected in the field duplicate pairs?

Compound	Concentration (ug/L)		RPD
	4	5	
K	1.2	1.3	8
AA	1.1	1.1	0
S	0.21	0.20	5

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218561

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-23-4	2218561-02	Water	08/05/22
MW-23-3	2218561-03	Water	08/05/22
MW-23-2	2218561-04	Water	08/05/22
MW-26-2	2218561-05	Water	08/05/22
DUP-4-3Q22	2218561-06	Water	08/05/22
EB-5-080522	2218561-07	Water	08/05/22
MW-23-2MS	2218561-04MS	Water	08/05/22
MW-23-2MSD	2218561-04MSD	Water	08/05/22
MW-23-2DUP	2218561-04DUP	Water	08/05/22

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-5-080522 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-26-2 and DUP-4-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-26-2	DUP-4-3Q22	
Chromium	2.5	9.1	114

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, 3Q2022
Chromium - Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

LDC #: 55041E4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/29/22

SDG #: 2218561

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: [Signature]

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	
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 6
VII.	Matrix Spike/Matrix Spike Duplicates	A	
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	A	
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 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-23-4	2218561-02	Water	08/05/22
2	MW-23-3	2218561-03	Water	08/05/22
3	MW-23-2	2218561-04	Water	08/05/22
4	MW-26-2	2218561-05	Water	08/05/22
5	DUP-4-3Q22	2218561-06	Water	08/05/22
6	EB-5-080522	2218561-07	Water	08/05/22
7	MW-23-2MS	2218561-04MS	Water	08/05/22
8	MW-23-2MSD	2218561-04MSD	Water	08/05/22
9	MW-23-2DUP	2218561-04DUP	Water	08/05/22
10				
11				

Field Duplicates

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	4	5		
Chromium	2.5	9.1	114	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 3, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218561

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-23-4	2218561-02	Water	08/05/22
MW-23-3	2218561-03	Water	08/05/22
MW-23-2	2218561-04	Water	08/05/22
MW-26-2	2218561-05	Water	08/05/22
DUP-4-3Q22	2218561-06	Water	08/05/22
EB-5-080522	2218561-07	Water	08/05/22
MW-23-2MS	2218561-04MS	Water	08/05/22
MW-23-2MSD	2218561-04MSD	Water	08/05/22
MW-23-2DUP	2218561-04DUP	Water	08/05/22

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 methods:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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-23-2	Hexavalent chromium	100 hours	24 hours	J (all detects)	P
MW-26-2	Hexavalent chromium	99 hours	24 hours	J (all detects)	P

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
PB (prep blank)	Hexavalent chromium	0.000028 mg/L	All samples in SDG 2218561
ICB/CCB	Hexavalent chromium	0.045 ug/L	All samples in SDG 2218561

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-5-080522	Hexavalent chromium	0.000093 mg/L	0.000093U mg/L

V. Field Blanks

Sample EB-5-080522 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-5-080522	08/05/22	Hexavalent chromium	0.000093 mg/L	MW-23-4 MW-23-3 MW-23-2 MW-26-2 DUP-4-3Q22

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.

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-26-2 and DUP-4-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration		RPD
	MW-26-2	DUP-4-3Q22	
Hexavalent chromium	0.00080 mg/L	0.00095 mg/L	17
Perchlorate	3.0 ug/L	3.0 ug/L	0

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 methods. 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, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218561

Sample	Analyte	Flag	A or P	Reason
MW-23-2 MW-26-2	Hexavalent chromium	J (all detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218561

Sample	Analyte	Modified Final Concentration	A or P
EB-5-080522	Hexavalent chromium	0.000093U mg/L	A

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218561

No Sample Data Qualified in this SDG

LDC #: 55041E6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/29/22

SDG #: 2218561

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
 2nd Reviewer: [Signature]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

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	
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 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-23-4	2218561-02	Water	08/05/22
2	MW-23-3	2218561-03	Water	08/05/22
3	MW-23-2	2218561-04	Water	08/05/22
4	MW-26-2	2218561-05	Water	08/05/22
5	DUP-4-3Q22	2218561-06	Water	08/05/22
6	EB-5-080522	2218561-07	Water	08/05/22
7	MW-23-2MS	2218561-04MS	Water	08/05/22
8	MW-23-2MSD	2218561-04MSD	Water	08/05/22
9	MW-23-2DUP	2218561-04DUP	Water	08/05/22
10				
11				
12				
13				

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the required holding time with the following exceptions:

		Method: 218.6 Analyte: Cr6+ Holding Time: 24 hours			
Sample ID	Sampling Date	Analysis Date	Total Time from Collection to Analysis	Qualifier	Det/ND
3	8/5/2022	8/9/2022	4 days, 6 hours	J/R/P	Det
4	8/5/2022	8/9/2022	4 days, 5 hours	J/R/P	Det

Preservation

Sample ID	Preservation	Preservation Requirement (pH)	Qualifier	Det/ND

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 1 to 6

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level	6								
Cr6+	0.000028		0.00014	0.000093U								
Cr6+		0.045	0.00023	0.000093U								

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/5/22

Associated Samples: 1-5

			Sample Identification											
Analyte	Blank ID	Action Level												
	6													
Cr6+	0.000093	0.000465												

Comments: The action level, when applicable, is established at 5X the highest concentration.

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	4	5		
Cr6+	0.00080	0.00095	17	

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	4	5		
Perchlorate	3.0	3.0	0	

NASA JPL, 3Q2022 - LDC 55041

SDG: 2217964

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-1-3Q22	2217964-04	Total Recoverable Chromium	8/4/2022	3	Y	n	u		3.0	0.50	ug/L
EB-1-080122	2217964-12	Total Recoverable Chromium	8/4/2022	3	Y	n	u		3.0	0.50	ug/L
MW-20-2	2217964-06	Total Recoverable Chromium	8/4/2022	0.84	Y	y	v j		3.0	0.50	ug/L
MW-20-3	2217964-05	Total Recoverable Chromium	8/4/2022	3	Y	n	u		3.0	0.50	ug/L
MW-20-4	2217964-03	Total Recoverable Chromium	8/4/2022	3	Y	n	u		3.0	0.50	ug/L
MW-20-5	2217964-02	Total Recoverable Chromium	8/4/2022	3	Y	n	u		3.0	0.50	ug/L
SB-1-080122	2217964-13	Total Recoverable Chromium	8/4/2022	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-1-3Q22	2217964-04	Hexavalent Chromium	8/3/2022	0.00015	Y	y	v j	U	0.0002	0.0000	mg/L
EB-1-080122	2217964-12	Hexavalent Chromium	8/3/2022	0.000078	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-20-2	2217964-06	Hexavalent Chromium	8/3/2022	0.000089	Y	y	v j	U	0.0002	0.0000	mg/L
MW-20-3	2217964-05	Hexavalent Chromium	8/2/2022	0.00012	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-20-4	2217964-03	Hexavalent Chromium	8/2/2022	0.00016	Y	y	v j	U	0.0002	0.0000	mg/L
MW-20-5	2217964-02	Hexavalent Chromium	8/2/2022	0.00016	Y	y	v j	U	0.0002	0.0000	mg/L
SB-1-080122	2217964-13	Hexavalent Chromium	8/3/2022	0.00011	Y	y	v j	U	0.0002	0.0000	mg/L

Analytical Method											
EPA-314.0											
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-1-3Q22	2217964-04	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
EB-1-080122	2217964-12	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
MW-19-1	2217964-11	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
MW-19-2	2217964-10	Perchlorate	8/11/2022	2	Y	y	v		2.0	0.81	ug/L
MW-19-3	2217964-09	Perchlorate	8/11/2022	3.5	Y	y	v		2.0	0.81	ug/L

SDG: 2217964

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-19-4	2217964-08	Perchlorate	8/11/2022	2.7	Y	y	v		2.0	0.81	ug/L
MW-19-5	2217964-07	Perchlorate	8/11/2022	2.6	Y	y	v		2.0	0.81	ug/L
MW-20-2	2217964-06	Perchlorate	8/11/2022	1.2	Y	y	v j		2.0	0.81	ug/L
MW-20-3	2217964-05	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
MW-20-4	2217964-03	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
MW-20-5	2217964-02	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/L
SB-1-080122	2217964-13	Perchlorate	8/11/2022	2	Y	n	u		2.0	0.81	ug/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-1-3Q22	2217964-04	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-3Q22	2217964-04	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-1-3Q22	2217964-04	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
DUP-1-3Q22	2217964-04	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
DUP-1-3Q22	2217964-04	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
DUP-1-3Q22	2217964-04	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-1-3Q22	2217964-04	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-1-3Q22	2217964-04	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
DUP-1-3Q22	2217964-04	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-1-3Q22	2217964-04	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
DUP-1-3Q22	2217964-04	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	10	Y	y	v s				ug/L
DUP-1-3Q22	2217964-04	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-3Q22	2217964-04	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
DUP-1-3Q22	2217964-04	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-1-3Q22	2217964-04	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2217964

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-1-3Q22	2217964-04	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-1-3Q22	2217964-04	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-1-3Q22	2217964-04	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-1-3Q22	2217964-04	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-1-3Q22	2217964-04	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-3Q22	2217964-04	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
DUP-1-3Q22	2217964-04	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-3Q22	2217964-04	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-3Q22	2217964-04	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-3Q22	2217964-04	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-1-3Q22	2217964-04	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-3Q22	2217964-04	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-3Q22	2217964-04	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.5	Y	y	v s				ug/L
DUP-1-3Q22	2217964-04	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-1-3Q22	2217964-04	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
DUP-1-3Q22	2217964-04	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
DUP-1-3Q22	2217964-04	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
DUP-1-3Q22	2217964-04	Toluene-d8 (Surrogate)	8/2/2022	9.6	Y	y	v s				ug/L
DUP-1-3Q22	2217964-04	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L

SDG: 2217964

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-1-3Q22	2217964-04	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-1-3Q22	2217964-04	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-3Q22	2217964-04	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-3Q22	2217964-04	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-3Q22	2217964-04	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-3Q22	2217964-04	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-3Q22	2217964-04	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-1-3Q22	2217964-04	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-1-3Q22	2217964-04	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-1-3Q22	2217964-04	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-1-3Q22	2217964-04	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-1-3Q22	2217964-04	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-3Q22	2217964-04	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-1-3Q22	2217964-04	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-1-3Q22	2217964-04	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-1-3Q22	2217964-04	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L

SDG: 2217964

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-1-3Q22	2217964-04	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-1-3Q22	2217964-04	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-1-3Q22	2217964-04	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-1-3Q22	2217964-04	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-3Q22	2217964-04	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-1-3Q22	2217964-04	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-3Q22	2217964-04	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-3Q22	2217964-04	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-3Q22	2217964-04	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-1-3Q22	2217964-04	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-1-3Q22	2217964-04	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
DUP-1-3Q22	2217964-04	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-1-3Q22	2217964-04	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-1-3Q22	2217964-04	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-1-3Q22	2217964-04	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-1-3Q22	2217964-04	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-1-3Q22	2217964-04	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-1-3Q22	2217964-04	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-1-3Q22	2217964-04	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2217964

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-1-080122	2217964-12	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
EB-1-080122	2217964-12	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
EB-1-080122	2217964-12	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
EB-1-080122	2217964-12	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
EB-1-080122	2217964-12	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
EB-1-080122	2217964-12	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-1-080122	2217964-12	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
EB-1-080122	2217964-12	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
EB-1-080122	2217964-12	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
EB-1-080122	2217964-12	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-1-080122	2217964-12	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
EB-1-080122	2217964-12	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
EB-1-080122	2217964-12	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
EB-1-080122	2217964-12	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-1-080122	2217964-12	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
EB-1-080122	2217964-12	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
EB-1-080122	2217964-12	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1-080122	2217964-12	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1-080122	2217964-12	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-1-080122	2217964-12	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1-080122	2217964-12	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2217964

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-1-080122	2217964-12	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1-080122	2217964-12	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1-080122	2217964-12	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1-080122	2217964-12	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1-080122	2217964-12	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-1-080122	2217964-12	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
EB-1-080122	2217964-12	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
EB-1-080122	2217964-12	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1-080122	2217964-12	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
EB-1-080122	2217964-12	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
EB-1-080122	2217964-12	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
EB-1-080122	2217964-12	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1-080122	2217964-12	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
EB-1-080122	2217964-12	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-1-080122	2217964-12	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
EB-1-080122	2217964-12	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2217964

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-1-080122	2217964-12	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1-080122	2217964-12	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-1-080122	2217964-12	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1-080122	2217964-12	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-1-080122	2217964-12	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1-080122	2217964-12	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1-080122	2217964-12	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1-080122	2217964-12	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-1-080122	2217964-12	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-1-080122	2217964-12	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1-080122	2217964-12	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-1-080122	2217964-12	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-1-080122	2217964-12	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-1-080122	2217964-12	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
EB-1-080122	2217964-12	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-1-080122	2217964-12	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-1-080122	2217964-12	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2217964

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-1-080122	2217964-12	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-1-080122	2217964-12	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-1-080122	2217964-12	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
EB-1-080122	2217964-12	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-1-080122	2217964-12	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-1-080122	2217964-12	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-1-080122	2217964-12	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-1-080122	2217964-12	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-1-080122	2217964-12	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-1-080122	2217964-12	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-1-080122	2217964-12	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-1-080122	2217964-12	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-1-080122	2217964-12	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-1	2217964-11	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-1	2217964-11	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-1	2217964-11	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-1	2217964-11	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-19-1	2217964-11	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1	2217964-11	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2217964

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	2217964-11	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1	2217964-11	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-1	2217964-11	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-1	2217964-11	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1	2217964-11	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1	2217964-11	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1	2217964-11	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1	2217964-11	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1	2217964-11	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-1	2217964-11	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1	2217964-11	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1	2217964-11	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1	2217964-11	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1	2217964-11	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-1	2217964-11	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-1	2217964-11	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-1	2217964-11	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-1	2217964-11	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-1	2217964-11	Chloroform	8/2/2022	4.3	Y	y	v		0.50	0.14	ug/L
MW-19-1	2217964-11	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1	2217964-11	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2217964

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	2217964-11	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1	2217964-11	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1	2217964-11	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-1	2217964-11	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-1	2217964-11	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-1	2217964-11	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1	2217964-11	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-1	2217964-11	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1	2217964-11	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-1	2217964-11	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-1	2217964-11	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-1	2217964-11	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-1	2217964-11	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1	2217964-11	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-1	2217964-11	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-1	2217964-11	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-1	2217964-11	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1	2217964-11	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2217964

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	2217964-11	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1	2217964-11	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-1	2217964-11	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-1	2217964-11	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-1	2217964-11	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-1	2217964-11	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-1	2217964-11	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-1	2217964-11	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-1	2217964-11	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.3	Y	y	v s				ug/L
MW-19-1	2217964-11	Toluene-d8 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-19-1	2217964-11	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-19-1	2217964-11	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-1	2217964-11	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-1	2217964-11	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-19-1	2217964-11	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-19-1	2217964-11	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-1	2217964-11	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-19-1	2217964-11	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-19-1	2217964-11	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-1	2217964-11	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2217964

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	2217964-11	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-1	2217964-11	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-19-1	2217964-11	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-1	2217964-11	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-1	2217964-11	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-2	2217964-10	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2	2217964-10	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-2	2217964-10	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-2	2217964-10	Tetrachloroethene	8/2/2022	2.1	Y	y	v		0.50	0.23	ug/L
MW-19-2	2217964-10	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2	2217964-10	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-2	2217964-10	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-2	2217964-10	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2	2217964-10	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2	2217964-10	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-2	2217964-10	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-2	2217964-10	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2217964

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	2217964-10	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-2	2217964-10	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-2	2217964-10	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2	2217964-10	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-2	2217964-10	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2	2217964-10	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2	2217964-10	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2	2217964-10	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-2	2217964-10	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	Trichloroethene	8/2/2022	1.1	Y	y	v		0.50	0.19	ug/L
MW-19-2	2217964-10	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2	2217964-10	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-19-2	2217964-10	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-2	2217964-10	Chloroform	8/2/2022	1.8	Y	y	v		0.50	0.14	ug/L
MW-19-2	2217964-10	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-2	2217964-10	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2	2217964-10	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-2	2217964-10	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-2	2217964-10	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2217964

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	2217964-10	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-2	2217964-10	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2	2217964-10	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-2	2217964-10	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2	2217964-10	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-2	2217964-10	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-2	2217964-10	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-2	2217964-10	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2	2217964-10	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2	2217964-10	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-2	2217964-10	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-2	2217964-10	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-2	2217964-10	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-2	2217964-10	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-2	2217964-10	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-2	2217964-10	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-2	2217964-10	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-2	2217964-10	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-2	2217964-10	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2217964

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	2217964-10	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.6	Y	y	v s				ug/L
MW-19-2	2217964-10	Toluene-d8 (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
MW-19-2	2217964-10	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-19-2	2217964-10	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-2	2217964-10	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-2	2217964-10	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-19-2	2217964-10	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-2	2217964-10	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-19-2	2217964-10	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-2	2217964-10	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-19-2	2217964-10	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-19-2	2217964-10	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-2	2217964-10	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-2	2217964-10	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-2	2217964-10	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-19-2	2217964-10	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-19-3	2217964-09	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	Tetrachloroethene	8/2/2022	2.3	Y	y	v		0.50	0.23	ug/L
MW-19-3	2217964-09	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2217964

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	2217964-09	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3	2217964-09	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3	2217964-09	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-3	2217964-09	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-3	2217964-09	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-3	2217964-09	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-3	2217964-09	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3	2217964-09	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3	2217964-09	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3	2217964-09	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3	2217964-09	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-3	2217964-09	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-3	2217964-09	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-3	2217964-09	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-3	2217964-09	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-19-3	2217964-09	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-3	2217964-09	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-19-3	2217964-09	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3	2217964-09	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3	2217964-09	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2217964

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	2217964-09	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	Trichloroethene	8/2/2022	0.79	Y	y	v		0.50	0.19	ug/L
MW-19-3	2217964-09	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3	2217964-09	Chloroform	8/2/2022	2.4	Y	y	v		0.50	0.14	ug/L
MW-19-3	2217964-09	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	1,1-Dichloroethane	8/2/2022	0.21	Y	y	v j		0.50	0.15	ug/L
MW-19-3	2217964-09	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3	2217964-09	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-3	2217964-09	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-3	2217964-09	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-3	2217964-09	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-3	2217964-09	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-3	2217964-09	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3	2217964-09	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3	2217964-09	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-3	2217964-09	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-3	2217964-09	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-3	2217964-09	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2217964

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	2217964-09	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-3	2217964-09	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-3	2217964-09	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-3	2217964-09	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-3	2217964-09	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-3	2217964-09	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-3	2217964-09	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-3	2217964-09	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-3	2217964-09	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-3	2217964-09	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-3	2217964-09	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3	2217964-09	cis-1,2-Dichloroethene	8/2/2022	0.35	Y	y	v j		0.50	0.27	ug/L
MW-19-3	2217964-09	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-3	2217964-09	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-3	2217964-09	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-19-3	2217964-09	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-19-3	2217964-09	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	11	Y	y	v s				ug/L
MW-19-3	2217964-09	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-3	2217964-09	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2217964

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	2217964-09	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-19-3	2217964-09	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-19-3	2217964-09	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-3	2217964-09	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-3	2217964-09	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-3	2217964-09	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-19-3	2217964-09	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-19-3	2217964-09	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-19-3	2217964-09	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-19-3	2217964-09	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-4	2217964-08	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-4	2217964-08	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-4	2217964-08	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-4	2217964-08	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4	2217964-08	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4	2217964-08	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-4	2217964-08	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4	2217964-08	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	Chloroform	8/2/2022	3.6	Y	y	v		0.50	0.14	ug/L
MW-19-4	2217964-08	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4	2217964-08	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2217964

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	2217964-08	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4	2217964-08	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-4	2217964-08	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-4	2217964-08	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-4	2217964-08	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-4	2217964-08	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-4	2217964-08	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4	2217964-08	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-19-4	2217964-08	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-4	2217964-08	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4	2217964-08	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4	2217964-08	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4	2217964-08	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-4	2217964-08	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	Trichloroethene	8/2/2022	0.8	Y	y	v		0.50	0.19	ug/L
MW-19-4	2217964-08	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-4	2217964-08	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-4	2217964-08	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-4	2217964-08	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2217964

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	2217964-08	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4	2217964-08	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-4	2217964-08	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-4	2217964-08	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4	2217964-08	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	Tetrachloroethene	8/2/2022	2	Y	y	v		0.50	0.23	ug/L
MW-19-4	2217964-08	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-4	2217964-08	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-4	2217964-08	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-4	2217964-08	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-4	2217964-08	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-4	2217964-08	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-4	2217964-08	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-4	2217964-08	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-4	2217964-08	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	1,1-Dichloroethane	8/2/2022	0.2	Y	y	v j		0.50	0.15	ug/L
MW-19-4	2217964-08	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-4	2217964-08	cis-1,2-Dichloroethene	8/2/2022	0.35	Y	y	v j		0.50	0.27	ug/L
MW-19-4	2217964-08	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-4	2217964-08	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2217964

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	2217964-08	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-4	2217964-08	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-4	2217964-08	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-4	2217964-08	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4	2217964-08	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-4	2217964-08	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.6	Y	y	v s				ug/L
MW-19-4	2217964-08	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-19-4	2217964-08	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-19-4	2217964-08	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-4	2217964-08	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-4	2217964-08	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-19-4	2217964-08	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-4	2217964-08	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-19-4	2217964-08	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-19-4	2217964-08	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-19-4	2217964-08	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-4	2217964-08	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-4	2217964-08	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-4	2217964-08	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-19-4	2217964-08	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2217964

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	2217964-07	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5	2217964-07	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5	2217964-07	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5	2217964-07	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	Tetrachloroethene	8/2/2022	1.6	Y	y	v		0.50	0.23	ug/L
MW-19-5	2217964-07	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-5	2217964-07	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-19-5	2217964-07	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-5	2217964-07	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5	2217964-07	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5	2217964-07	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-19-5	2217964-07	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5	2217964-07	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-19-5	2217964-07	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-19-5	2217964-07	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-19-5	2217964-07	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-19-5	2217964-07	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-19-5	2217964-07	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5	2217964-07	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2217964

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	2217964-07	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-19-5	2217964-07	Trichloroethene	8/2/2022	0.56	Y	y	v		0.50	0.19	ug/L
MW-19-5	2217964-07	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5	2217964-07	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5	2217964-07	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-19-5	2217964-07	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	Chloroform	8/2/2022	3.3	Y	y	v		0.50	0.14	ug/L
MW-19-5	2217964-07	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-19-5	2217964-07	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5	2217964-07	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-5	2217964-07	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5	2217964-07	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-19-5	2217964-07	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-19-5	2217964-07	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5	2217964-07	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2217964

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	2217964-07	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5	2217964-07	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-19-5	2217964-07	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-19-5	2217964-07	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-19-5	2217964-07	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-19-5	2217964-07	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5	2217964-07	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-19-5	2217964-07	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-19-5	2217964-07	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5	2217964-07	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5	2217964-07	1,1-Dichloroethane	8/2/2022	0.19	Y	y	v j		0.50	0.15	ug/L
MW-19-5	2217964-07	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-19-5	2217964-07	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-19-5	2217964-07	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-19-5	2217964-07	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-19-5	2217964-07	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-19-5	2217964-07	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-19-5	2217964-07	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-19-5	2217964-07	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-5	2217964-07	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-19-5	2217964-07	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-19-5	2217964-07	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-19-5	2217964-07	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-19-5	2217964-07	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L

SDG: 2217964

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	2217964-07	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
MW-19-5	2217964-07	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-19-5	2217964-07	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-19-5	2217964-07	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-19-5	2217964-07	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-19-5	2217964-07	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-19-5	2217964-07	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-19-5	2217964-07	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-19-5	2217964-07	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-19-5	2217964-07	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-19-5	2217964-07	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-19-5	2217964-07	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-19-5	2217964-07	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-19-5	2217964-07	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-19-5	2217964-07	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	Tetrachloroethene	8/2/2022	0.35	Y	y	v j		0.50	0.23	ug/L
MW-20-2	2217964-06	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2217964-06	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2217964-06	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2217964-06	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2217964-06	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2217964-06	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2217964

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	2217964-06	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-2	2217964-06	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	Trichloroethene	8/2/2022	0.4	Y	y	v j		0.50	0.19	ug/L
MW-20-2	2217964-06	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-2	2217964-06	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-2	2217964-06	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2217964-06	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-2	2217964-06	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-2	2217964-06	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-2	2217964-06	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-2	2217964-06	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2217964-06	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2217964-06	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-20-2	2217964-06	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-2	2217964-06	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2217964-06	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-2	2217964-06	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-20-2	2217964-06	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-2	2217964-06	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2217964

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	2217964-06	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-2	2217964-06	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2217964-06	Chloroform	8/2/2022	0.53	Y	y	v		0.50	0.14	ug/L
MW-20-2	2217964-06	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-2	2217964-06	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-2	2217964-06	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2217964-06	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-2	2217964-06	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-2	2217964-06	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2217964-06	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-2	2217964-06	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-2	2217964-06	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-20-2	2217964-06	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2217964-06	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-2	2217964-06	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-2	2217964-06	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-2	2217964-06	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2217964-06	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-2	2217964-06	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2217964

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	2217964-06	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-2	2217964-06	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-2	2217964-06	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-2	2217964-06	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-2	2217964-06	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-2	2217964-06	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-20-2	2217964-06	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-2	2217964-06	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-2	2217964-06	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.4	Y	y	v s				ug/L
MW-20-2	2217964-06	Toluene-d8 (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
MW-20-2	2217964-06	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-2	2217964-06	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-2	2217964-06	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-20-2	2217964-06	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-20-2	2217964-06	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-2	2217964-06	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L

SDG: 2217964

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	2217964-06	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-2	2217964-06	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	10	Y	y	v s				ug/L
MW-20-2	2217964-06	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-20-2	2217964-06	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-20-2	2217964-06	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-3	2217964-05	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-3	2217964-05	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2217964-05	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-20-3	2217964-05	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-20-3	2217964-05	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-3	2217964-05	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-20-3	2217964-05	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-3	2217964-05	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-3	2217964-05	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-20-3	2217964-05	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-3	2217964-05	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2217964-05	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-3	2217964-05	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	Carbon disulfide	8/2/2022	0.78	Y	y	v		0.50	0.48	ug/L
MW-20-3	2217964-05	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-3	2217964-05	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2217964-05	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-20-3	2217964-05	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-3	2217964-05	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2217964

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	2217964-05	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-3	2217964-05	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2217964-05	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	Tetrachloroethene	8/2/2022	0.8	Y	y	v		0.50	0.23	ug/L
MW-20-3	2217964-05	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2217964-05	Styrene	8/2/2022	0.45	Y	y	v j		0.50	0.12	ug/L
MW-20-3	2217964-05	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-3	2217964-05	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-3	2217964-05	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-20-3	2217964-05	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2217964-05	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-20-3	2217964-05	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.3	Y	y	v s				ug/L
MW-20-3	2217964-05	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-20-3	2217964-05	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-20-3	2217964-05	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2217964-05	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-3	2217964-05	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2217964-05	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2217964

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	2217964-05	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-3	2217964-05	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-3	2217964-05	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-3	2217964-05	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-3	2217964-05	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-3	2217964-05	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2217964-05	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2217964-05	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2217964-05	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2217964-05	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-3	2217964-05	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2217964-05	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2217964-05	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2217964-05	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-3	2217964-05	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2217964-05	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-3	2217964-05	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2217964

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	2217964-05	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-3	2217964-05	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-3	2217964-05	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-3	2217964-05	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-3	2217964-05	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-3	2217964-05	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-3	2217964-05	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2217964-05	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-3	2217964-05	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-3	2217964-05	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-3	2217964-05	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-3	2217964-05	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-3	2217964-05	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-4	2217964-03	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2217964-03	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2217964-03	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2217964

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	2217964-03	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2217964-03	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2217964-03	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2217964-03	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-4	2217964-03	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2217964-03	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2217964-03	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2217964-03	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-4	2217964-03	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-4	2217964-03	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-4	2217964-03	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2217964-03	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2217964-03	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2217964-03	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-4	2217964-03	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2217964

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	2217964-03	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-4	2217964-03	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-4	2217964-03	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-4	2217964-03	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2217964-03	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-4	2217964-03	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-20-4	2217964-03	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-4	2217964-03	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-4	2217964-03	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-4	2217964-03	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-4	2217964-03	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-4	2217964-03	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2217964-03	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-20-4	2217964-03	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-4	2217964-03	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-4	2217964-03	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2217964-03	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-4	2217964-03	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-4	2217964-03	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-4	2217964-03	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-20-4	2217964-03	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-20-4	2217964-03	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2217964

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	2217964-03	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-4	2217964-03	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-20-4	2217964-03	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-4	2217964-03	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-4	2217964-03	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2217964-03	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2217964-03	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2217964-03	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-20-4	2217964-03	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-4	2217964-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2217964-03	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-4	2217964-03	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-4	2217964-03	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-4	2217964-03	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-20-4	2217964-03	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-4	2217964-03	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-4	2217964-03	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-4	2217964-03	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
MW-20-4	2217964-03	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2217964-03	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L

SDG: 2217964

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	2217964-03	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-4	2217964-03	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-20-4	2217964-03	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-4	2217964-03	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-4	2217964-03	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-4	2217964-03	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-20-5	2217964-02	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-20-5	2217964-02	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2217964-02	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
MW-20-5	2217964-02	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
MW-20-5	2217964-02	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
MW-20-5	2217964-02	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
MW-20-5	2217964-02	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
MW-20-5	2217964-02	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
MW-20-5	2217964-02	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
MW-20-5	2217964-02	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
MW-20-5	2217964-02	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
MW-20-5	2217964-02	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2217964-02	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
MW-20-5	2217964-02	Toluene-d8 (Surrogate)	8/2/2022	9.8	Y	y	v s				ug/L
MW-20-5	2217964-02	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L

SDG: 2217964

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	2217964-02	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
MW-20-5	2217964-02	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
MW-20-5	2217964-02	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
MW-20-5	2217964-02	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-5	2217964-02	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2217964-02	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2217964-02	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2217964-02	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2217964-02	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-20-5	2217964-02	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-20-5	2217964-02	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
MW-20-5	2217964-02	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
MW-20-5	2217964-02	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-5	2217964-02	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2217964-02	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-5	2217964-02	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
MW-20-5	2217964-02	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-20-5	2217964-02	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
MW-20-5	2217964-02	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L

SDG: 2217964

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	2217964-02	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-20-5	2217964-02	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2217964-02	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-20-5	2217964-02	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-20-5	2217964-02	Styrene	8/2/2022	0.21	Y	y	v j		0.50	0.12	ug/L
MW-20-5	2217964-02	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2217964-02	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-20-5	2217964-02	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
MW-20-5	2217964-02	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2217964-02	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2217964-02	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
MW-20-5	2217964-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2217964-02	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2217964-02	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2217964-02	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2217964-02	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
MW-20-5	2217964-02	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2217964

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	2217964-02	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2217964-02	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
MW-20-5	2217964-02	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
MW-20-5	2217964-02	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2217964-02	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-20-5	2217964-02	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-20-5	2217964-02	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2217964-02	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-20-5	2217964-02	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2217964-02	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-20-5	2217964-02	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
MW-20-5	2217964-02	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-20-5	2217964-02	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-20-5	2217964-02	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-20-5	2217964-02	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-20-5	2217964-02	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-20-5	2217964-02	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-20-5	2217964-02	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
MW-20-5	2217964-02	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-20-5	2217964-02	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2217964

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-1-080122	2217964-13	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1-080122	2217964-13	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1-080122	2217964-13	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1-080122	2217964-13	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-1-080122	2217964-13	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-1-080122	2217964-13	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1-080122	2217964-13	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-1-080122	2217964-13	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1-080122	2217964-13	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
SB-1-080122	2217964-13	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-1-080122	2217964-13	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
SB-1-080122	2217964-13	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-1-080122	2217964-13	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L

SDG: 2217964

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-1-080122	2217964-13	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1-080122	2217964-13	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1-080122	2217964-13	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-1-080122	2217964-13	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-1-080122	2217964-13	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
SB-1-080122	2217964-13	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1-080122	2217964-13	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-1-080122	2217964-13	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1-080122	2217964-13	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L
SB-1-080122	2217964-13	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1-080122	2217964-13	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
SB-1-080122	2217964-13	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
SB-1-080122	2217964-13	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
SB-1-080122	2217964-13	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1-080122	2217964-13	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
SB-1-080122	2217964-13	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
SB-1-080122	2217964-13	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
SB-1-080122	2217964-13	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2217964

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-1-080122	2217964-13	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1-080122	2217964-13	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1-080122	2217964-13	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-1-080122	2217964-13	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
SB-1-080122	2217964-13	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
SB-1-080122	2217964-13	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-1-080122	2217964-13	Toluene-d8 (Surrogate)	8/2/2022	9.6	Y	y	v s				ug/L
SB-1-080122	2217964-13	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	10	Y	y	v s				ug/L
SB-1-080122	2217964-13	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1-080122	2217964-13	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L
SB-1-080122	2217964-13	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
SB-1-080122	2217964-13	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
SB-1-080122	2217964-13	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
SB-1-080122	2217964-13	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-1-080122	2217964-13	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
SB-1-080122	2217964-13	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
SB-1-080122	2217964-13	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
SB-1-080122	2217964-13	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
SB-1-080122	2217964-13	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
SB-1-080122	2217964-13	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1-080122	2217964-13	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
SB-1-080122	2217964-13	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2217964

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-1-080122	2217964-13	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
SB-1-080122	2217964-13	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-1-080122	2217964-13	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-1-080122	2217964-13	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-1-080122	2217964-13	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1-080122	2217964-13	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-1-080122	2217964-13	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-1-080122	2217964-13	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-1-080122	2217964-13	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-1-080122	2217964-13	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-1-080122	2217964-13	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
SB-1-080122	2217964-13	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Chloroform	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Methyl methacrylate	8/2/2022	5	Y	n	u		5.0	1.2	ug/L
TB-1-080122	2217964-01	Pentachloroethane	8/2/2022	2	Y	n	u		2.0	0.63	ug/L
TB-1-080122	2217964-01	Propionitrile	8/2/2022	20	Y	n	u		20	6.2	ug/L
TB-1-080122	2217964-01	Tetrahydrofuran	8/2/2022	20	Y	n	u		20	5.2	ug/L
TB-1-080122	2217964-01	Methyl isobutyl ketone	8/2/2022	5	Y	n	u		5.0	2.4	ug/L
TB-1-080122	2217964-01	o-Xylene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1-080122	2217964-01	Hexachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-1-080122	2217964-01	Chloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	p- & m-Xylenes	8/2/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2217964

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-1-080122	2217964-01	Methyl iodide	8/2/2022	2	Y	n	u		2.0	1.1	ug/L
TB-1-080122	2217964-01	Methyl ethyl ketone	8/2/2022	5	Y	n	u		5.0	3.3	ug/L
TB-1-080122	2217964-01	Ethyl methacrylate	8/2/2022	4	Y	n	u		4.0	1.3	ug/L
TB-1-080122	2217964-01	2-Hexanone	8/2/2022	10	Y	n	u		10	5.0	ug/L
TB-1-080122	2217964-01	Ethyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-1-080122	2217964-01	Chlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Bromodichloromethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1-080122	2217964-01	1,2-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	1,1-Dichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	Dichlorodifluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	Methacrylonitrile	8/2/2022	10	Y	n	u		10	2.3	ug/L
TB-1-080122	2217964-01	1,2-Dichloroethane-d4 (Surrogate)	8/2/2022	9.9	Y	y	v s				ug/L
TB-1-080122	2217964-01	Methyl acrylate	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	Chloroacetonitrile	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	2-Nitropropane	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	1-Chlorobutane	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	1,1-Dichloropropanone	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	Nitrobenzene	8/2/2022	0	Y	y	v				ug/L
TB-1-080122	2217964-01	4-Bromofluorobenzene (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
TB-1-080122	2217964-01	cis-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	trans-1,3-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1-080122	2217964-01	Bromomethane	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1-080122	2217964-01	Toluene-d8 (Surrogate)	8/2/2022	9.7	Y	y	v s				ug/L
TB-1-080122	2217964-01	Carbon tetrachloride	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	Benzene	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2217964

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-1-080122	2217964-01	Bromobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	Bromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1-080122	2217964-01	2-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Bromoform	8/2/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-1-080122	2217964-01	1,4-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	n-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	sec-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1-080122	2217964-01	tert-Butylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-1-080122	2217964-01	Ethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	1,1,2,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	Dibromochloromethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-1-080122	2217964-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1-080122	2217964-01	1,2,3-Trichloropropane	8/2/2022	1	Y	n	u		1.0	0.78	ug/L
TB-1-080122	2217964-01	Trichlorofluoromethane	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Trichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1-080122	2217964-01	1,1,2-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1-080122	2217964-01	1,1,1-Trichloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1-080122	2217964-01	1,2,4-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	1,2,3-Trichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1-080122	2217964-01	1,3,5-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Tetrachloroethene	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-1-080122	2217964-01	Vinyl chloride	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-1-080122	2217964-01	1,1,1,2-Tetrachloroethane	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1-080122	2217964-01	Styrene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-1-080122	2217964-01	n-Propylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2217964

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-1-080122	2217964-01	Naphthalene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-1-080122	2217964-01	Methyl t-butyl ether	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Methylene chloride	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1-080122	2217964-01	p-Isopropyltoluene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Isopropylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-1-080122	2217964-01	Hexachlorobutadiene	8/2/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-1-080122	2217964-01	Toluene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	Allyl chloride	8/2/2022	5	Y	n	u		5.0	0.47	ug/L
TB-1-080122	2217964-01	1,2-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-1-080122	2217964-01	Dibromomethane	8/2/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-1-080122	2217964-01	1,2-Dibromoethane	8/2/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-1-080122	2217964-01	1,2-Dibromo-3-chloropropane	8/2/2022	1	Y	n	u		1.0	0.89	ug/L
TB-1-080122	2217964-01	4-Chlorotoluene	8/2/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-1-080122	2217964-01	Chloromethane	8/2/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-1-080122	2217964-01	Diethyl ether	8/2/2022	2	Y	n	u		2.0	0.33	ug/L
TB-1-080122	2217964-01	trans-1,4-Dichloro-2-butene	8/2/2022	5	Y	n	u		5.0	1.8	ug/L
TB-1-080122	2217964-01	Carbon disulfide	8/2/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-1-080122	2217964-01	1,2,4-Trimethylbenzene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-1-080122	2217964-01	t-Amyl Methyl ether	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1-080122	2217964-01	1,3-Dichlorobenzene	8/2/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-1-080122	2217964-01	1,1-Dichloropropene	8/2/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-1-080122	2217964-01	2,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-1-080122	2217964-01	1,3-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-1-080122	2217964-01	1,2-Dichloropropane	8/2/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-1-080122	2217964-01	trans-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2217964

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-1-080122	2217964-01	cis-1,2-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1-080122	2217964-01	1,1-Dichloroethene	8/2/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-1-080122	2217964-01	Acrylonitrile	8/2/2022	5	Y	n	u		5.0	1.5	ug/L
TB-1-080122	2217964-01	Acetone	8/2/2022	10	Y	n	u		10	6.6	ug/L
TB-1-080122	2217964-01	t-Butyl alcohol	8/2/2022	2	Y	n	u		2.0	2.0	ug/L

NASA JPL, 3Q2022 - LDC 55041

SDG: 2218155

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-2-3Q22	2218155-10	Total Recoverable Chromium	8/5/2022	1.9	Y	y	v j		3.0	0.50	ug/L
EB-2-080222	2218155-12	Total Recoverable Chromium	8/5/2022	3	Y	n	u		3.0	0.50	ug/L
MW-14-2	2218155-05	Total Recoverable Chromium	8/5/2022	3	Y	n	u		3.0	0.50	ug/L
MW-14-3	2218155-04	Total Recoverable Chromium	8/5/2022	3	Y	n	u		3.0	0.50	ug/L
MW-25-1	2218155-11	Total Recoverable Chromium	8/5/2022	3.6	Y	y	v		3.0	0.50	ug/L
MW-25-2	2218155-09	Total Recoverable Chromium	8/5/2022	1.8	Y	y	v j		3.0	0.50	ug/L
MW-25-3	2218155-08	Total Recoverable Chromium	8/5/2022	2.2	Y	y	v j		3.0	0.50	ug/L
MW-25-4	2218155-07	Total Recoverable Chromium	8/5/2022	3	Y	n	u		3.0	0.50	ug/L
MW-25-5	2218155-06	Total Recoverable Chromium	8/5/2022	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-2-3Q22	2218155-10	Hexavalent Chromium	8/4/2022	0.0029	Y	y	v		0.0002	0.0000	mg/L
EB-2-080222	2218155-12	Hexavalent Chromium	8/4/2022	0.000087	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-14-2	2218155-05	Hexavalent Chromium	8/4/2022	0.00024	Y	y	v	U	0.0002	0.0000	mg/L
MW-14-3	2218155-04	Hexavalent Chromium	8/4/2022	0.00031	Y	y	v	U	0.0002	0.0000	mg/L
MW-25-1	2218155-11	Hexavalent Chromium	8/4/2022	0.0004	Y	y	v	U	0.0002	0.0000	mg/L
MW-25-2	2218155-09	Hexavalent Chromium	8/4/2022	0.0027	Y	y	v		0.0002	0.0000	mg/L
MW-25-3	2218155-08	Hexavalent Chromium	8/4/2022	0.0035	Y	y	v		0.0002	0.0000	mg/L
MW-25-4	2218155-07	Hexavalent Chromium	8/4/2022	0.0012	Y	y	v		0.0002	0.0000	mg/L
MW-25-5	2218155-06	Hexavalent Chromium	8/4/2022	0.000099	Y	y	v j	U	0.0002	0.0000	mg/L

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-2-3Q22	2218155-10	Perchlorate	8/15/2022	11	Y	y	v		2.0	0.81	ug/L

SDG: 2218155

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-2-080222	2218155-12	Perchlorate	8/15/2022	2	Y	n	u		2.0	0.81	ug/L
MW-14-2	2218155-05	Perchlorate	8/15/2022	3.2	Y	y	v		2.0	0.81	ug/L
MW-14-3	2218155-04	Perchlorate	8/15/2022	4.2	Y	y	v		2.0	0.81	ug/L
MW-14-4	2218155-03	Perchlorate	8/15/2022	3.7	Y	y	v		2.0	0.81	ug/L
MW-14-5	2218155-02	Perchlorate	8/15/2022	2	Y	n	u		2.0	0.81	ug/L
MW-25-1	2218155-11	Perchlorate	8/15/2022	6.7	Y	y	v		2.0	0.81	ug/L
MW-25-2	2218155-09	Perchlorate	8/15/2022	12	Y	y	v		2.0	0.81	ug/L
MW-25-3	2218155-08	Perchlorate	8/15/2022	9.5	Y	y	v		2.0	0.81	ug/L
MW-25-4	2218155-07	Perchlorate	8/15/2022	8.6	Y	y	v		2.0	0.81	ug/L
MW-25-5	2218155-06	Perchlorate	8/15/2022	2	Y	n	u		2.0	0.81	ug/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-2-3Q22	2218155-10	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
DUP-2-3Q22	2218155-10	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-3Q22	2218155-10	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-2-3Q22	2218155-10	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-2-3Q22	2218155-10	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-2-3Q22	2218155-10	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-3Q22	2218155-10	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-2-3Q22	2218155-10	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218155

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-2-3Q22	2218155-10	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-3Q22	2218155-10	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-3Q22	2218155-10	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-3Q22	2218155-10	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-2-3Q22	2218155-10	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-2-3Q22	2218155-10	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Trichloroethene	8/3/2022	0.29	Y	y	v j		0.50	0.19	ug/L
DUP-2-3Q22	2218155-10	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-3Q22	2218155-10	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-3Q22	2218155-10	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-3Q22	2218155-10	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-3Q22	2218155-10	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-3Q22	2218155-10	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-2-3Q22	2218155-10	Tetrachloroethene	8/3/2022	0.35	Y	y	v j		0.50	0.23	ug/L
DUP-2-3Q22	2218155-10	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-2-3Q22	2218155-10	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-2-3Q22	2218155-10	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2218155

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-2-3Q22	2218155-10	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-2-3Q22	2218155-10	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-2-3Q22	2218155-10	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-2-3Q22	2218155-10	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-2-3Q22	2218155-10	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-2-3Q22	2218155-10	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-3Q22	2218155-10	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
DUP-2-3Q22	2218155-10	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.2	Y	y	v s				ug/L
DUP-2-3Q22	2218155-10	Toluene-d8 (Surrogate)	8/3/2022	9.8	Y	y	v s				ug/L
DUP-2-3Q22	2218155-10	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-3Q22	2218155-10	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-2-3Q22	2218155-10	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
DUP-2-3Q22	2218155-10	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
DUP-2-3Q22	2218155-10	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
DUP-2-3Q22	2218155-10	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-2-3Q22	2218155-10	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-2-3Q22	2218155-10	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L

SDG: 2218155

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-2-3Q22	2218155-10	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
DUP-2-3Q22	2218155-10	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-3Q22	2218155-10	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-2-3Q22	2218155-10	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.3	Y	y	v s				ug/L
DUP-2-3Q22	2218155-10	Chloroform	8/3/2022	0.28	Y	y	v j		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-2-3Q22	2218155-10	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-2-3Q22	2218155-10	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-2-3Q22	2218155-10	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-2-3Q22	2218155-10	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-2-3Q22	2218155-10	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-2-3Q22	2218155-10	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-2-3Q22	2218155-10	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-2-3Q22	2218155-10	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-2-3Q22	2218155-10	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-2-3Q22	2218155-10	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-2-3Q22	2218155-10	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-2-3Q22	2218155-10	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-2-3Q22	2218155-10	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-2-3Q22	2218155-10	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-2-3Q22	2218155-10	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2218155

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-2-3Q22	2218155-10	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-2-3Q22	2218155-10	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-2-3Q22	2218155-10	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-2-080222	2218155-12	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2-080222	2218155-12	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-080222	2218155-12	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-080222	2218155-12	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-080222	2218155-12	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2-080222	2218155-12	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-080222	2218155-12	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2-080222	2218155-12	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-080222	2218155-12	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2-080222	2218155-12	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-080222	2218155-12	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-2-080222	2218155-12	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-2-080222	2218155-12	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L

SDG: 2218155

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-2-080222	2218155-12	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-2-080222	2218155-12	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2-080222	2218155-12	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-080222	2218155-12	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-080222	2218155-12	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-080222	2218155-12	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-080222	2218155-12	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-080222	2218155-12	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-2-080222	2218155-12	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2-080222	2218155-12	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
EB-2-080222	2218155-12	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
EB-2-080222	2218155-12	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-080222	2218155-12	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-080222	2218155-12	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2-080222	2218155-12	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
EB-2-080222	2218155-12	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-080222	2218155-12	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-080222	2218155-12	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L

SDG: 2218155

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-2-080222	2218155-12	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2-080222	2218155-12	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
EB-2-080222	2218155-12	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
EB-2-080222	2218155-12	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
EB-2-080222	2218155-12	Toluene-d8 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
EB-2-080222	2218155-12	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
EB-2-080222	2218155-12	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
EB-2-080222	2218155-12	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
EB-2-080222	2218155-12	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
EB-2-080222	2218155-12	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
EB-2-080222	2218155-12	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
EB-2-080222	2218155-12	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
EB-2-080222	2218155-12	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
EB-2-080222	2218155-12	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
EB-2-080222	2218155-12	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-080222	2218155-12	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
EB-2-080222	2218155-12	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-080222	2218155-12	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-2-080222	2218155-12	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
EB-2-080222	2218155-12	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
EB-2-080222	2218155-12	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
EB-2-080222	2218155-12	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-2-080222	2218155-12	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2218155

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-2-080222	2218155-12	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
EB-2-080222	2218155-12	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
EB-2-080222	2218155-12	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
EB-2-080222	2218155-12	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-080222	2218155-12	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
EB-2-080222	2218155-12	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2-080222	2218155-12	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2-080222	2218155-12	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-080222	2218155-12	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2-080222	2218155-12	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2-080222	2218155-12	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2-080222	2218155-12	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2-080222	2218155-12	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2-080222	2218155-12	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-2-080222	2218155-12	Chloroform	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2-080222	2218155-12	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	1,1-Dichloroethane	8/3/2022	0.18	Y	y	v j		0.50	0.15	ug/L
MW-14-2	2218155-05	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-2	2218155-05	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-2	2218155-05	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-2	2218155-05	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-14-2	2218155-05	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-14-2	2218155-05	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L

SDG: 2218155

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	2218155-05	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-2	2218155-05	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-2	2218155-05	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2	2218155-05	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2	2218155-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2	2218155-05	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2	2218155-05	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-14-2	2218155-05	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-2	2218155-05	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-2	2218155-05	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-2	2218155-05	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-2	2218155-05	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-2	2218155-05	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-2	2218155-05	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-2	2218155-05	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-14-2	2218155-05	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-14-2	2218155-05	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-2	2218155-05	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-2	2218155-05	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2	2218155-05	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218155

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	2218155-05	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-2	2218155-05	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-2	2218155-05	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-2	2218155-05	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-2	2218155-05	Toluene-d8 (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
MW-14-2	2218155-05	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-2	2218155-05	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2	2218155-05	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-2	2218155-05	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2	2218155-05	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-2	2218155-05	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2	2218155-05	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-2	2218155-05	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2	2218155-05	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-2	2218155-05	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2218155

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	2218155-05	Chloroform	8/3/2022	0.64	Y	y	v		0.50	0.14	ug/L
MW-14-2	2218155-05	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-14-2	2218155-05	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-2	2218155-05	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-2	2218155-05	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-2	2218155-05	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2	2218155-05	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	Tetrachloroethene	8/3/2022	0.56	Y	y	v		0.50	0.23	ug/L
MW-14-2	2218155-05	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2	2218155-05	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-2	2218155-05	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2	2218155-05	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-2	2218155-05	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-2	2218155-05	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2	2218155-05	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-2	2218155-05	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-2	2218155-05	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-2	2218155-05	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-2	2218155-05	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218155

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	2218155-05	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-2	2218155-05	Trichloroethene	8/3/2022	1.8	Y	y	v		0.50	0.19	ug/L
MW-14-2	2218155-05	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-2	2218155-05	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-2	2218155-05	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-2	2218155-05	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-3	2218155-04	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-3	2218155-04	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-3	2218155-04	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-14-3	2218155-04	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-14-3	2218155-04	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-3	2218155-04	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-3	2218155-04	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-3	2218155-04	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3	2218155-04	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3	2218155-04	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3	2218155-04	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-3	2218155-04	Toluene-d8 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-3	2218155-04	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-14-3	2218155-04	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L

SDG: 2218155

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	2218155-04	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-14-3	2218155-04	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3	2218155-04	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-14-3	2218155-04	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-3	2218155-04	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-14-3	2218155-04	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-14-3	2218155-04	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-14-3	2218155-04	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3	2218155-04	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-3	2218155-04	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-14-3	2218155-04	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-14-3	2218155-04	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-3	2218155-04	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-14-3	2218155-04	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3	2218155-04	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	Trichloroethene	8/3/2022	0.94	Y	y	v		0.50	0.19	ug/L
MW-14-3	2218155-04	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3	2218155-04	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3	2218155-04	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	Tetrachloroethene	8/3/2022	0.67	Y	y	v		0.50	0.23	ug/L

SDG: 2218155

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	2218155-04	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-3	2218155-04	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-3	2218155-04	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-3	2218155-04	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-3	2218155-04	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-3	2218155-04	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-3	2218155-04	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-3	2218155-04	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-3	2218155-04	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3	2218155-04	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-3	2218155-04	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-3	2218155-04	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-3	2218155-04	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-3	2218155-04	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	1,1-Dichloroethane	8/3/2022	0.39	Y	y	v j		0.50	0.15	ug/L
MW-14-3	2218155-04	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218155

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	2218155-04	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-3	2218155-04	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-3	2218155-04	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-3	2218155-04	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-3	2218155-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3	2218155-04	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-3	2218155-04	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-3	2218155-04	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-3	2218155-04	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-3	2218155-04	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-3	2218155-04	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-3	2218155-04	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-3	2218155-04	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-3	2218155-04	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-14-3	2218155-04	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-3	2218155-04	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-3	2218155-04	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-3	2218155-04	Chloroform	8/3/2022	0.51	Y	y	v		0.50	0.14	ug/L
MW-14-3	2218155-04	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-3	2218155-04	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-3	2218155-04	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-4	2218155-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218155

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	2218155-03	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4	2218155-03	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4	2218155-03	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4	2218155-03	Trichloroethene	8/3/2022	0.21	Y	y	v j		0.50	0.19	ug/L
MW-14-4	2218155-03	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-4	2218155-03	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4	2218155-03	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Toluene-d8 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-4	2218155-03	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-4	2218155-03	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-14-4	2218155-03	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-14-4	2218155-03	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-4	2218155-03	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	8.9	Y	y	v s				ug/L
MW-14-4	2218155-03	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
MW-14-4	2218155-03	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-4	2218155-03	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-4	2218155-03	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4	2218155-03	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-4	2218155-03	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218155

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	2218155-03	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4	2218155-03	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-4	2218155-03	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-4	2218155-03	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-4	2218155-03	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-4	2218155-03	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-14-4	2218155-03	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-4	2218155-03	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-4	2218155-03	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4	2218155-03	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-4	2218155-03	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-4	2218155-03	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-14-4	2218155-03	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-4	2218155-03	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-4	2218155-03	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-4	2218155-03	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-4	2218155-03	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-14-4	2218155-03	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-14-4	2218155-03	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-4	2218155-03	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-4	2218155-03	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218155

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	2218155-03	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4	2218155-03	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4	2218155-03	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-4	2218155-03	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-14-4	2218155-03	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-4	2218155-03	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-4	2218155-03	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4	2218155-03	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-4	2218155-03	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-4	2218155-03	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-4	2218155-03	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4	2218155-03	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-4	2218155-03	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-4	2218155-03	Chloroform	8/3/2022	0.24	Y	y	v j		0.50	0.14	ug/L

SDG: 2218155

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	2218155-03	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-4	2218155-03	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-4	2218155-03	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-4	2218155-03	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-4	2218155-03	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-4	2218155-03	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-4	2218155-03	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-4	2218155-03	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-4	2218155-03	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-4	2218155-03	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-4	2218155-03	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-5	2218155-02	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-14-5	2218155-02	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-14-5	2218155-02	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-14-5	2218155-02	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-5	2218155-02	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-14-5	2218155-02	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-14-5	2218155-02	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-14-5	2218155-02	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-14-5	2218155-02	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-14-5	2218155-02	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-14-5	2218155-02	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-14-5	2218155-02	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2218155

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	2218155-02	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-14-5	2218155-02	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5	2218155-02	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5	2218155-02	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-5	2218155-02	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-5	2218155-02	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-14-5	2218155-02	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5	2218155-02	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5	2218155-02	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5	2218155-02	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5	2218155-02	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5	2218155-02	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-14-5	2218155-02	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-5	2218155-02	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218155

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	2218155-02	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-5	2218155-02	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-14-5	2218155-02	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-5	2218155-02	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-14-5	2218155-02	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5	2218155-02	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-5	2218155-02	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	Chloroform	8/3/2022	0.14	Y	y	v j		0.50	0.14	ug/L
MW-14-5	2218155-02	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-14-5	2218155-02	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-14-5	2218155-02	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-14-5	2218155-02	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-14-5	2218155-02	Toluene-d8 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-5	2218155-02	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-14-5	2218155-02	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-14-5	2218155-02	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-14-5	2218155-02	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-14-5	2218155-02	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-14-5	2218155-02	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-14-5	2218155-02	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-14-5	2218155-02	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218155

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	2218155-02	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.5	Y	y	v s				ug/L
MW-14-5	2218155-02	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-14-5	2218155-02	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-14-5	2218155-02	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-14-5	2218155-02	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5	2218155-02	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5	2218155-02	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-14-5	2218155-02	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-14-5	2218155-02	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-14-5	2218155-02	Styrene	8/3/2022	0.15	Y	y	v j		0.50	0.12	ug/L
MW-14-5	2218155-02	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5	2218155-02	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-14-5	2218155-02	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-14-5	2218155-02	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-14-5	2218155-02	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5	2218155-02	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-14-5	2218155-02	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5	2218155-02	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218155

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	2218155-02	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-14-5	2218155-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-14-5	2218155-02	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-1	2218155-11	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-1	2218155-11	Chloroform	8/3/2022	0.44	Y	y	v j		0.50	0.14	ug/L
MW-25-1	2218155-11	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-1	2218155-11	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1	2218155-11	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1	2218155-11	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1	2218155-11	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1	2218155-11	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1	2218155-11	Methyl t-butyl ether	8/3/2022	0.33	Y	y	v j		0.50	0.14	ug/L
MW-25-1	2218155-11	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-1	2218155-11	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-1	2218155-11	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-1	2218155-11	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1	2218155-11	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1	2218155-11	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-1	2218155-11	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1	2218155-11	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1	2218155-11	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218155

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	2218155-11	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1	2218155-11	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1	2218155-11	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.5	Y	y	v s				ug/L
MW-25-1	2218155-11	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1	2218155-11	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-25-1	2218155-11	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1	2218155-11	Toluene-d8 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-25-1	2218155-11	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-1	2218155-11	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1	2218155-11	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-1	2218155-11	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-1	2218155-11	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-1	2218155-11	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-1	2218155-11	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-1	2218155-11	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-1	2218155-11	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-1	2218155-11	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-1	2218155-11	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
MW-25-1	2218155-11	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218155

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	2218155-11	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-1	2218155-11	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-1	2218155-11	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-1	2218155-11	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-1	2218155-11	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-1	2218155-11	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-1	2218155-11	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-1	2218155-11	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-1	2218155-11	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1	2218155-11	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1	2218155-11	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1	2218155-11	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1	2218155-11	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1	2218155-11	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-1	2218155-11	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-1	2218155-11	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1	2218155-11	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-1	2218155-11	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-1	2218155-11	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1	2218155-11	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-1	2218155-11	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218155

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	2218155-11	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-1	2218155-11	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-1	2218155-11	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-1	2218155-11	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-1	2218155-11	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-1	2218155-11	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-1	2218155-11	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-1	2218155-11	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-1	2218155-11	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1	2218155-11	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1	2218155-11	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-1	2218155-11	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-1	2218155-11	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-1	2218155-11	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-1	2218155-11	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-2	2218155-09	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-2	2218155-09	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2	2218155-09	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2	2218155-09	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2	2218155-09	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218155

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	2218155-09	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2	2218155-09	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2	2218155-09	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-2	2218155-09	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-2	2218155-09	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2	2218155-09	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2	2218155-09	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-2	2218155-09	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2	2218155-09	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-2	2218155-09	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-2	2218155-09	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-2	2218155-09	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218155

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	2218155-09	Chloroform	8/3/2022	0.16	Y	y	v j		0.50	0.14	ug/L
MW-25-2	2218155-09	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-2	2218155-09	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-2	2218155-09	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2	2218155-09	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2	2218155-09	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-2	2218155-09	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-2	2218155-09	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-2	2218155-09	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-2	2218155-09	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-2	2218155-09	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2	2218155-09	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-2	2218155-09	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-2	2218155-09	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-2	2218155-09	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-2	2218155-09	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-2	2218155-09	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-2	2218155-09	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2	2218155-09	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-2	2218155-09	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-2	2218155-09	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-2	2218155-09	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-2	2218155-09	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2218155

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	2218155-09	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.2	Y	y	v s				ug/L
MW-25-2	2218155-09	Toluene-d8 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-25-2	2218155-09	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.5	Y	y	v s				ug/L
MW-25-2	2218155-09	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-25-2	2218155-09	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-2	2218155-09	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2	2218155-09	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	Tetrachloroethene	8/3/2022	0.25	Y	y	v j		0.50	0.23	ug/L
MW-25-2	2218155-09	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-2	2218155-09	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-2	2218155-09	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-2	2218155-09	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-2	2218155-09	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2	2218155-09	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-2	2218155-09	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-2	2218155-09	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2	2218155-09	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2	2218155-09	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2218155

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	2218155-09	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-2	2218155-09	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-2	2218155-09	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-2	2218155-09	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-2	2218155-09	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-2	2218155-09	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-2	2218155-09	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-2	2218155-09	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-3	2218155-08	Toluene-d8 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-25-3	2218155-08	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-3	2218155-08	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-3	2218155-08	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-3	2218155-08	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-3	2218155-08	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3	2218155-08	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.3	Y	y	v s				ug/L
MW-25-3	2218155-08	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.5	Y	y	v s				ug/L
MW-25-3	2218155-08	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3	2218155-08	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-3	2218155-08	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-25-3	2218155-08	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218155

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	2218155-08	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-3	2218155-08	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3	2218155-08	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-3	2218155-08	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-3	2218155-08	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-3	2218155-08	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3	2218155-08	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3	2218155-08	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3	2218155-08	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3	2218155-08	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-3	2218155-08	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-3	2218155-08	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-3	2218155-08	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3	2218155-08	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-3	2218155-08	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-3	2218155-08	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2218155

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	2218155-08	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-3	2218155-08	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-3	2218155-08	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-3	2218155-08	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3	2218155-08	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-3	2218155-08	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-3	2218155-08	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-25-3	2218155-08	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-3	2218155-08	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-3	2218155-08	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3	2218155-08	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-3	2218155-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3	2218155-08	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-3	2218155-08	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-3	2218155-08	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-3	2218155-08	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-3	2218155-08	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-3	2218155-08	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218155

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	2218155-08	Chloroform	8/3/2022	0.27	Y	y	v j		0.50	0.14	ug/L
MW-25-3	2218155-08	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-3	2218155-08	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-3	2218155-08	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-3	2218155-08	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3	2218155-08	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3	2218155-08	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-3	2218155-08	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-3	2218155-08	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-3	2218155-08	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-3	2218155-08	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	Tetrachloroethene	8/3/2022	3	Y	y	v		0.50	0.23	ug/L
MW-25-3	2218155-08	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-3	2218155-08	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-3	2218155-08	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-3	2218155-08	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3	2218155-08	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-3	2218155-08	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-3	2218155-08	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-3	2218155-08	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4	2218155-07	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218155

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	2218155-07	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4	2218155-07	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4	2218155-07	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4	2218155-07	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4	2218155-07	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4	2218155-07	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-4	2218155-07	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-4	2218155-07	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-4	2218155-07	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
MW-25-4	2218155-07	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-4	2218155-07	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4	2218155-07	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218155

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	2218155-07	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-4	2218155-07	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4	2218155-07	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-4	2218155-07	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4	2218155-07	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4	2218155-07	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-4	2218155-07	Chloroform	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4	2218155-07	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-25-4	2218155-07	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-4	2218155-07	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-4	2218155-07	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-4	2218155-07	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-4	2218155-07	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-4	2218155-07	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-4	2218155-07	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-4	2218155-07	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-4	2218155-07	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-4	2218155-07	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-4	2218155-07	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2218155

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	2218155-07	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-4	2218155-07	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-4	2218155-07	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-4	2218155-07	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-4	2218155-07	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-4	2218155-07	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-4	2218155-07	Toluene-d8 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
MW-25-4	2218155-07	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.5	Y	y	v s				ug/L
MW-25-4	2218155-07	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-25-4	2218155-07	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-4	2218155-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4	2218155-07	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-4	2218155-07	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4	2218155-07	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-4	2218155-07	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4	2218155-07	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2218155

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	2218155-07	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-4	2218155-07	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-4	2218155-07	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-4	2218155-07	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-4	2218155-07	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-4	2218155-07	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-4	2218155-07	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-4	2218155-07	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-4	2218155-07	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-4	2218155-07	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-4	2218155-07	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-4	2218155-07	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-4	2218155-07	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5	2218155-06	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5	2218155-06	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5	2218155-06	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5	2218155-06	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-5	2218155-06	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5	2218155-06	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218155

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	2218155-06	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5	2218155-06	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-5	2218155-06	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-5	2218155-06	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-25-5	2218155-06	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5	2218155-06	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-5	2218155-06	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-5	2218155-06	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5	2218155-06	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-5	2218155-06	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5	2218155-06	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5	2218155-06	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-25-5	2218155-06	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	Chloroform	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L

SDG: 2218155

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	2218155-06	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-5	2218155-06	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
MW-25-5	2218155-06	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-25-5	2218155-06	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-25-5	2218155-06	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5	2218155-06	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-25-5	2218155-06	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
MW-25-5	2218155-06	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
MW-25-5	2218155-06	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L
MW-25-5	2218155-06	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
MW-25-5	2218155-06	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
MW-25-5	2218155-06	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
MW-25-5	2218155-06	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-25-5	2218155-06	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-25-5	2218155-06	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-25-5	2218155-06	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
MW-25-5	2218155-06	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-25-5	2218155-06	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
MW-25-5	2218155-06	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
MW-25-5	2218155-06	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
MW-25-5	2218155-06	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
MW-25-5	2218155-06	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L

SDG: 2218155

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	2218155-06	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
MW-25-5	2218155-06	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-25-5	2218155-06	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-25-5	2218155-06	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-25-5	2218155-06	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-25-5	2218155-06	Toluene-d8 (Surrogate)	8/3/2022	9.6	Y	y	v s				ug/L
MW-25-5	2218155-06	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
MW-25-5	2218155-06	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5	2218155-06	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5	2218155-06	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
MW-25-5	2218155-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5	2218155-06	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-25-5	2218155-06	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-25-5	2218155-06	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-25-5	2218155-06	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
MW-25-5	2218155-06	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-25-5	2218155-06	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
MW-25-5	2218155-06	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-25-5	2218155-06	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
MW-25-5	2218155-06	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-25-5	2218155-06	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
MW-25-5	2218155-06	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
MW-25-5	2218155-06	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
MW-25-5	2218155-06	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2218155

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	2218155-06	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-25-5	2218155-06	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
MW-25-5	2218155-06	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-080222	2218155-01	Chloroacetonitrile	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	Methyl acrylate	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	4-Bromofluorobenzene (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
TB-2-080222	2218155-01	1,1-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-080222	2218155-01	1,4-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	Dichlorodifluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	1,1-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	1,2-Dichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	1,1-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-080222	2218155-01	cis-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-080222	2218155-01	trans-1,2-Dichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	1,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	1,1-Dichloropropanone	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	2,2-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-080222	2218155-01	Dibromomethane	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-2-080222	2218155-01	cis-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	trans-1,3-Dichloropropene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-080222	2218155-01	Ethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	Hexachlorobutadiene	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-080222	2218155-01	Isopropylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	p-Isopropyltoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	Methylene chloride	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218155

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-2-080222	2218155-01	Methyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	1,3-Dichloropropane	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-080222	2218155-01	Chlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	Benzene	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-080222	2218155-01	Bromobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	Bromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-2-080222	2218155-01	Bromodichloromethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-080222	2218155-01	Bromoform	8/3/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-2-080222	2218155-01	Bromomethane	8/3/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-2-080222	2218155-01	n-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	sec-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-080222	2218155-01	1,3-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-2-080222	2218155-01	Carbon tetrachloride	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	1,2-Dichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-080222	2218155-01	Chloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	Chloroform	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	Chloromethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-080222	2218155-01	2-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	4-Chlorotoluene	8/3/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-2-080222	2218155-01	Dibromochloromethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-2-080222	2218155-01	1,2-Dibromo-3-chloropropane	8/3/2022	1	Y	n	u		1.0	0.89	ug/L
TB-2-080222	2218155-01	1,2-Dibromoethane	8/3/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-2-080222	2218155-01	Styrene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-2-080222	2218155-01	tert-Butylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-080222	2218155-01	Methyl methacrylate	8/3/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2218155

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-2-080222	2218155-01	Naphthalene	8/3/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-2-080222	2218155-01	Diethyl ether	8/3/2022	2	Y	n	u		2.0	0.33	ug/L
TB-2-080222	2218155-01	Ethyl methacrylate	8/3/2022	4	Y	n	u		4.0	1.3	ug/L
TB-2-080222	2218155-01	Ethyl t-butyl ether	8/3/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-2-080222	2218155-01	Hexachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-2-080222	2218155-01	2-Hexanone	8/3/2022	10	Y	n	u		10	5.0	ug/L
TB-2-080222	2218155-01	Methacrylonitrile	8/3/2022	10	Y	n	u		10	2.3	ug/L
TB-2-080222	2218155-01	Methyl ethyl ketone	8/3/2022	5	Y	n	u		5.0	3.3	ug/L
TB-2-080222	2218155-01	Carbon disulfide	8/3/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-2-080222	2218155-01	Methyl isobutyl ketone	8/3/2022	5	Y	n	u		5.0	2.4	ug/L
TB-2-080222	2218155-01	t-Butyl alcohol	8/3/2022	2	Y	n	u		2.0	2.0	ug/L
TB-2-080222	2218155-01	Pentachloroethane	8/3/2022	2	Y	n	u		2.0	0.63	ug/L
TB-2-080222	2218155-01	Propionitrile	8/3/2022	20	Y	n	u		20	6.2	ug/L
TB-2-080222	2218155-01	Tetrahydrofuran	8/3/2022	20	Y	n	u		20	5.2	ug/L
TB-2-080222	2218155-01	p- & m-Xylenes	8/3/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-2-080222	2218155-01	o-Xylene	8/3/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-2-080222	2218155-01	1,2-Dichloroethane-d4 (Surrogate)	8/3/2022	9.4	Y	y	v s				ug/L
TB-2-080222	2218155-01	Toluene-d8 (Surrogate)	8/3/2022	9.7	Y	y	v s				ug/L
TB-2-080222	2218155-01	Nitrobenzene	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	1-Chlorobutane	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	Methyl iodide	8/3/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-2-080222	2218155-01	Trichlorofluoromethane	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	2-Nitropropane	8/3/2022	0	Y	y	v				ug/L
TB-2-080222	2218155-01	1,1,1,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-080222	2218155-01	1,1,2,2-Tetrachloroethane	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218155

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-2-080222	2218155-01	Tetrachloroethene	8/3/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-2-080222	2218155-01	Toluene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	1,2,3-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-080222	2218155-01	1,2,4-Trichlorobenzene	8/3/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-2-080222	2218155-01	1,1,1-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-2-080222	2218155-01	trans-1,4-Dichloro-2-butene	8/3/2022	5	Y	n	u		5.0	1.8	ug/L
TB-2-080222	2218155-01	Trichloroethene	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-080222	2218155-01	n-Propylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-2-080222	2218155-01	1,2,3-Trichloropropane	8/3/2022	1	Y	n	u		1.0	0.78	ug/L
TB-2-080222	2218155-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-080222	2218155-01	1,2,4-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-2-080222	2218155-01	1,3,5-Trimethylbenzene	8/3/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-2-080222	2218155-01	Vinyl chloride	8/3/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-2-080222	2218155-01	Acetone	8/3/2022	10	Y	n	u		10	6.6	ug/L
TB-2-080222	2218155-01	Acrylonitrile	8/3/2022	5	Y	n	u		5.0	1.5	ug/L
TB-2-080222	2218155-01	Allyl chloride	8/3/2022	5	Y	n	u		5.0	0.47	ug/L
TB-2-080222	2218155-01	t-Amyl Methyl ether	8/3/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-2-080222	2218155-01	1,1,2-Trichloroethane	8/3/2022	0.5	Y	n	u		0.50	0.21	ug/L

NASA JPL, 3Q2022 - LDC 55041

SDG: 2218429

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-3-080322	2218429-08	Total Recoverable Chromium	8/9/2022	3	Y	n	u		3.0	0.50	ug/L
MW-17-2	2218429-04	Total Recoverable Chromium	8/9/2022	3	Y	n	u		3.0	0.50	ug/L
MW-17-3	2218429-03	Total Recoverable Chromium	8/9/2022	3	Y	n	u		3.0	0.50	ug/L
MW-17-4	2218429-02	Total Recoverable Chromium	8/9/2022	2	Y	y	v j		3.0	0.50	ug/L
MW-3-2	2218429-07	Total Recoverable Chromium	8/9/2022	3	Y	n	u		3.0	0.50	ug/L
MW-3-3	2218429-06	Total Recoverable Chromium	8/9/2022	2.6	Y	y	v j		3.0	0.50	ug/L
MW-3-4	2218429-05	Total Recoverable Chromium	8/9/2022	15	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
EB-3-080322	2218429-08	Hexavalent Chromium	8/5/2022	0.00016	Y	y	v j	U	0.0002	0.0000	mg/L
MW-17-2	2218429-04	Hexavalent Chromium	8/5/2022	0.000087	Y	y	v j	U	0.0002	0.0000	mg/L
MW-17-3	2218429-03	Hexavalent Chromium	8/5/2022	0.000086	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-17-4	2218429-02	Hexavalent Chromium	8/5/2022	0.0021	Y	y	v	J	0.0002	0.0000	mg/L
MW-3-2	2218429-07	Hexavalent Chromium	8/5/2022	0.00039	Y	y	v	U	0.0002	0.0000	mg/L
MW-3-3	2218429-06	Hexavalent Chromium	8/5/2022	0.00042	Y	y	v	UJ	0.0002	0.0000	mg/L
MW-3-4	2218429-05	Hexavalent Chromium	8/5/2022	0.0004	Y	y	v	U	0.0002	0.0000	mg/L

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
EB-3-080322	2218429-08	Perchlorate	8/17/2022	2	Y	n	u		2.0	0.81	ug/L
MW-17-2	2218429-04	Perchlorate	8/17/2022	2	Y	n	u		2.0	0.81	ug/L
MW-17-3	2218429-03	Perchlorate	8/17/2022	2	Y	n	u		2.0	0.81	ug/L
MW-17-4	2218429-02	Perchlorate	8/17/2022	3.6	Y	y	v		2.0	0.81	ug/L
MW-3-2	2218429-07	Perchlorate	8/17/2022	3.6	Y	y	v		2.0	0.81	ug/L

SDG: 2218429

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-3-3	2218429-06	Perchlorate	8/17/2022	3.1	Y	y	v		2.0	0.81	ug/L
MW-3-4	2218429-05	Perchlorate	8/16/2022	3.2	Y	y	v		2.0	0.81	ug/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-3-080322	2218429-08	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-080322	2218429-08	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-080322	2218429-08	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-3-080322	2218429-08	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-080322	2218429-08	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-080322	2218429-08	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-080322	2218429-08	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-080322	2218429-08	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-080322	2218429-08	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-3-080322	2218429-08	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-3-080322	2218429-08	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-080322	2218429-08	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-080322	2218429-08	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218429

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-3-080322	2218429-08	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-3-080322	2218429-08	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-3-080322	2218429-08	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-3-080322	2218429-08	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-3-080322	2218429-08	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-080322	2218429-08	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
EB-3-080322	2218429-08	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-080322	2218429-08	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-3-080322	2218429-08	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-3-080322	2218429-08	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-3-080322	2218429-08	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
EB-3-080322	2218429-08	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
EB-3-080322	2218429-08	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
EB-3-080322	2218429-08	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-3-080322	2218429-08	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
EB-3-080322	2218429-08	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
EB-3-080322	2218429-08	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
EB-3-080322	2218429-08	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2218429

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-3-080322	2218429-08	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
EB-3-080322	2218429-08	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-3-080322	2218429-08	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
EB-3-080322	2218429-08	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
EB-3-080322	2218429-08	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-3-080322	2218429-08	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-3-080322	2218429-08	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-3-080322	2218429-08	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-3-080322	2218429-08	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
EB-3-080322	2218429-08	4-Bromofluorobenzene (Surrogate)	8/6/2022	9.6	Y	y	v s				ug/L
EB-3-080322	2218429-08	Toluene-d8 (Surrogate)	8/6/2022	9.9	Y	y	v s				ug/L
EB-3-080322	2218429-08	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.5	Y	y	v s				ug/L
EB-3-080322	2218429-08	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
EB-3-080322	2218429-08	Trichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-080322	2218429-08	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-3-080322	2218429-08	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-080322	2218429-08	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-3-080322	2218429-08	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-3-080322	2218429-08	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2218429

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-3-080322	2218429-08	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
EB-3-080322	2218429-08	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-080322	2218429-08	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-080322	2218429-08	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-080322	2218429-08	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-3-080322	2218429-08	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-080322	2218429-08	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
EB-3-080322	2218429-08	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
EB-3-080322	2218429-08	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
EB-3-080322	2218429-08	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-3-080322	2218429-08	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-3-080322	2218429-08	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-3-080322	2218429-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-3-080322	2218429-08	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
EB-3-080322	2218429-08	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-3-080322	2218429-08	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
MW-17-2	2218429-04	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
MW-17-2	2218429-04	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-2	2218429-04	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
MW-17-2	2218429-04	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L

SDG: 2218429

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	2218429-04	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
MW-17-2	2218429-04	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
MW-17-2	2218429-04	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
MW-17-2	2218429-04	Toluene-d8 (Surrogate)	8/6/2022	9.9	Y	y	v s				ug/L
MW-17-2	2218429-04	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.6	Y	y	v s				ug/L
MW-17-2	2218429-04	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-2	2218429-04	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2	2218429-04	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-2	2218429-04	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2	2218429-04	4-Bromofluorobenzene (Surrogate)	8/6/2022	9.8	Y	y	v s				ug/L
MW-17-2	2218429-04	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-2	2218429-04	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
MW-17-2	2218429-04	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-2	2218429-04	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-2	2218429-04	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2	2218429-04	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2	2218429-04	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-2	2218429-04	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2	2218429-04	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2	2218429-04	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2	2218429-04	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218429

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	2218429-04	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2	2218429-04	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2	2218429-04	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2	2218429-04	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-2	2218429-04	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-2	2218429-04	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2	2218429-04	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2	2218429-04	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-2	2218429-04	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-2	2218429-04	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-17-2	2218429-04	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Trichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2	2218429-04	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218429

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	2218429-04	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-2	2218429-04	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-2	2218429-04	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2	2218429-04	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-2	2218429-04	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-2	2218429-04	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-2	2218429-04	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-2	2218429-04	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-2	2218429-04	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-17-2	2218429-04	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-2	2218429-04	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-2	2218429-04	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
MW-17-2	2218429-04	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-2	2218429-04	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
MW-17-2	2218429-04	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
MW-17-2	2218429-04	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-2	2218429-04	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-17-2	2218429-04	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-2	2218429-04	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-2	2218429-04	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-2	2218429-04	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
MW-17-2	2218429-04	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-2	2218429-04	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218429

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	2218429-04	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-2	2218429-04	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-2	2218429-04	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
MW-17-2	2218429-04	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-2	2218429-04	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-2	2218429-04	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-2	2218429-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-2	2218429-04	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-2	2218429-04	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
MW-17-2	2218429-04	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
MW-17-3	2218429-03	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3	2218429-03	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-3	2218429-03	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-3	2218429-03	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-3	2218429-03	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-3	2218429-03	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-3	2218429-03	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L

SDG: 2218429

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	2218429-03	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3	2218429-03	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-3	2218429-03	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-3	2218429-03	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	Trichloroethene	8/6/2022	0.87	Y	y	v		0.50	0.19	ug/L
MW-17-3	2218429-03	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3	2218429-03	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3	2218429-03	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3	2218429-03	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-3	2218429-03	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-3	2218429-03	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-3	2218429-03	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3	2218429-03	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-3	2218429-03	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3	2218429-03	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218429

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	2218429-03	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3	2218429-03	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3	2218429-03	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3	2218429-03	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-3	2218429-03	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3	2218429-03	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-3	2218429-03	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-3	2218429-03	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
MW-17-3	2218429-03	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-3	2218429-03	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-3	2218429-03	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-3	2218429-03	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-3	2218429-03	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-3	2218429-03	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3	2218429-03	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3	2218429-03	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-3	2218429-03	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-3	2218429-03	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218429

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	2218429-03	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-3	2218429-03	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3	2218429-03	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-3	2218429-03	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
MW-17-3	2218429-03	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-3	2218429-03	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-3	2218429-03	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
MW-17-3	2218429-03	4-Bromofluorobenzene (Surrogate)	8/6/2022	10	Y	y	v s				ug/L
MW-17-3	2218429-03	Toluene-d8 (Surrogate)	8/6/2022	9.8	Y	y	v s				ug/L
MW-17-3	2218429-03	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.9	Y	y	v s				ug/L
MW-17-3	2218429-03	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-3	2218429-03	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
MW-17-3	2218429-03	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-17-3	2218429-03	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-3	2218429-03	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-3	2218429-03	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-3	2218429-03	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-3	2218429-03	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-3	2218429-03	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
MW-17-3	2218429-03	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-17-3	2218429-03	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-3	2218429-03	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
MW-17-3	2218429-03	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
MW-17-3	2218429-03	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-3	2218429-03	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L

SDG: 2218429

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	2218429-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4	2218429-02	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-17-4	2218429-02	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
MW-17-4	2218429-02	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
MW-17-4	2218429-02	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
MW-17-4	2218429-02	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4	2218429-02	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
MW-17-4	2218429-02	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
MW-17-4	2218429-02	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4	2218429-02	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4	2218429-02	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
MW-17-4	2218429-02	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-17-4	2218429-02	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4	2218429-02	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.7	Y	y	v s				ug/L
MW-17-4	2218429-02	Toluene-d8 (Surrogate)	8/6/2022	9.9	Y	y	v s				ug/L
MW-17-4	2218429-02	4-Bromofluorobenzene (Surrogate)	8/6/2022	10	Y	y	v s				ug/L
MW-17-4	2218429-02	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218429

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	2218429-02	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
MW-17-4	2218429-02	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4	2218429-02	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4	2218429-02	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4	2218429-02	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4	2218429-02	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-17-4	2218429-02	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-4	2218429-02	Trichloroethene	8/6/2022	0.41	Y	y	v j		0.50	0.19	ug/L
MW-17-4	2218429-02	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-17-4	2218429-02	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4	2218429-02	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4	2218429-02	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-4	2218429-02	Chloroform	8/6/2022	0.62	Y	y	v		0.50	0.14	ug/L
MW-17-4	2218429-02	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
MW-17-4	2218429-02	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
MW-17-4	2218429-02	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-17-4	2218429-02	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
MW-17-4	2218429-02	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2218429

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	2218429-02	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
MW-17-4	2218429-02	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-17-4	2218429-02	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4	2218429-02	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4	2218429-02	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
MW-17-4	2218429-02	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-17-4	2218429-02	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
MW-17-4	2218429-02	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L
MW-17-4	2218429-02	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
MW-17-4	2218429-02	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-17-4	2218429-02	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-4	2218429-02	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-17-4	2218429-02	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
MW-17-4	2218429-02	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
MW-17-4	2218429-02	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-4	2218429-02	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-17-4	2218429-02	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-17-4	2218429-02	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-17-4	2218429-02	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-17-4	2218429-02	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218429

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	2218429-02	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-17-4	2218429-02	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-17-4	2218429-02	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4	2218429-02	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-17-4	2218429-02	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-17-4	2218429-02	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-4	2218429-02	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-17-4	2218429-02	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-17-4	2218429-02	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	Tetrachloroethene	8/6/2022	0.38	Y	y	v j		0.50	0.23	ug/L
MW-17-4	2218429-02	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-17-4	2218429-02	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2218429-07	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
MW-3-2	2218429-07	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2218429-07	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218429

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	2218429-07	Trichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2218429-07	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
MW-3-2	2218429-07	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
MW-3-2	2218429-07	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.8	Y	y	v s				ug/L
MW-3-2	2218429-07	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2218429-07	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2218429-07	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2218429-07	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
MW-3-2	2218429-07	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2218429-07	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-2	2218429-07	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-2	2218429-07	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-2	2218429-07	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2218429-07	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2218429-07	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-2	2218429-07	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-2	2218429-07	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-2	2218429-07	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2218429-07	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2218429

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	2218429-07	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-2	2218429-07	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-2	2218429-07	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2218429-07	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-2	2218429-07	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-2	2218429-07	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-2	2218429-07	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2218429-07	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-2	2218429-07	4-Bromofluorobenzene (Surrogate)	8/6/2022	9.7	Y	y	v s				ug/L
MW-3-2	2218429-07	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L
MW-3-2	2218429-07	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-2	2218429-07	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2218429-07	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-2	2218429-07	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
MW-3-2	2218429-07	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
MW-3-2	2218429-07	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-2	2218429-07	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-2	2218429-07	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
MW-3-2	2218429-07	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-2	2218429-07	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
MW-3-2	2218429-07	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2218429-07	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	Toluene-d8 (Surrogate)	8/6/2022	10	Y	y	v s				ug/L

SDG: 2218429

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	2218429-07	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-2	2218429-07	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-2	2218429-07	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-2	2218429-07	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-2	2218429-07	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-2	2218429-07	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-2	2218429-07	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-2	2218429-07	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-2	2218429-07	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2218429-07	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-2	2218429-07	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-2	2218429-07	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-2	2218429-07	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2218429-07	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-2	2218429-07	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-2	2218429-07	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218429

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	2218429-07	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-2	2218429-07	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-2	2218429-07	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-2	2218429-07	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-3	2218429-06	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2218429-06	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2218429-06	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-3	2218429-06	4-Bromofluorobenzene (Surrogate)	8/6/2022	10	Y	y	v s				ug/L
MW-3-3	2218429-06	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-3	2218429-06	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-3	2218429-06	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2218429-06	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2218429-06	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-3	2218429-06	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-3	2218429-06	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-3	2218429-06	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218429

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	2218429-06	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-3	2218429-06	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2218429-06	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2218429-06	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2218429-06	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2218429-06	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2218429-06	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2218429-06	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-3	2218429-06	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2218429-06	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-3	2218429-06	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-3	2218429-06	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-3	2218429-06	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-3	2218429-06	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
MW-3-3	2218429-06	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2218429-06	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2218429

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	2218429-06	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-3	2218429-06	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-3	2218429-06	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
MW-3-3	2218429-06	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-3	2218429-06	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-3	2218429-06	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-3	2218429-06	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-3	2218429-06	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
MW-3-3	2218429-06	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
MW-3-3	2218429-06	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2218429-06	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
MW-3-3	2218429-06	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-3	2218429-06	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-3	2218429-06	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-3	2218429-06	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
MW-3-3	2218429-06	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
MW-3-3	2218429-06	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-3	2218429-06	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-3	2218429-06	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.9	Y	y	v s				ug/L
MW-3-3	2218429-06	Toluene-d8 (Surrogate)	8/6/2022	10	Y	y	v s				ug/L
MW-3-3	2218429-06	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-3	2218429-06	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-3	2218429-06	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L

SDG: 2218429

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	2218429-06	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
MW-3-3	2218429-06	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
MW-3-3	2218429-06	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-3	2218429-06	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
MW-3-3	2218429-06	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2218429-06	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-3	2218429-06	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-3	2218429-06	Trichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2218429-06	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2218429-06	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-3	2218429-06	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
MW-3-3	2218429-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-3	2218429-06	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-3	2218429-06	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-3	2218429-06	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-3	2218429-06	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
MW-3-3	2218429-06	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
MW-3-3	2218429-06	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	Methyl isobutyl ketone	8/5/2022	5	Y	n	u		5.0	2.4	ug/L
MW-3-4	2218429-05	Chloromethane	8/5/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2218429-05	o-Xylene	8/5/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2218429-05	1-Chlorobutane	8/5/2022	0	Y	y	v				ug/L
MW-3-4	2218429-05	Methyl acrylate	8/5/2022	0	Y	y	v				ug/L

SDG: 2218429

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	2218429-05	Nitrobenzene	8/5/2022	0	Y	y	v				ug/L
MW-3-4	2218429-05	Chloroacetonitrile	8/5/2022	0	Y	y	v				ug/L
MW-3-4	2218429-05	Styrene	8/5/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-4	2218429-05	Methyl iodide	8/5/2022	2	Y	n	u		2.0	1.1	ug/L
MW-3-4	2218429-05	Tetrahydrofuran	8/5/2022	20	Y	n	u		20	5.2	ug/L
MW-3-4	2218429-05	1,1-Dichloropropanone	8/5/2022	0	Y	y	v				ug/L
MW-3-4	2218429-05	Methyl methacrylate	8/5/2022	5	Y	n	u		5.0	1.2	ug/L
MW-3-4	2218429-05	4-Bromofluorobenzene (Surrogate)	8/5/2022	9.9	Y	y	v s				ug/L
MW-3-4	2218429-05	Toluene-d8 (Surrogate)	8/5/2022	10	Y	y	v s				ug/L
MW-3-4	2218429-05	1,2-Dichloroethane-d4 (Surrogate)	8/5/2022	10	Y	y	v s				ug/L
MW-3-4	2218429-05	p- & m-Xylenes	8/5/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-3-4	2218429-05	Propionitrile	8/5/2022	20	Y	n	u		20	6.2	ug/L
MW-3-4	2218429-05	Pentachloroethane	8/5/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-3-4	2218429-05	2-Nitropropane	8/5/2022	0	Y	y	v				ug/L
MW-3-4	2218429-05	cis-1,2-Dichloroethene	8/5/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2218429-05	Ethylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	1,2-Dichlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2218429-05	1,3-Dichlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-4	2218429-05	1,4-Dichlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	Dichlorodifluoromethane	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	1,1-Dichloroethane	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	1,2-Dibromoethane	8/5/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-4	2218429-05	1,1-Dichloroethene	8/5/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2218429-05	1,2-Dibromo-3-chloropropane	8/5/2022	1	Y	n	u		1.0	0.89	ug/L
MW-3-4	2218429-05	trans-1,2-Dichloroethene	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218429

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	2218429-05	1,2-Dichloropropane	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	1,3-Dichloropropane	8/5/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2218429-05	1,1,2,2-Tetrachloroethane	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2218429-05	1,1-Dichloropropene	8/5/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	Methyl ethyl ketone	8/5/2022	5	Y	n	u		5.0	3.3	ug/L
MW-3-4	2218429-05	trans-1,3-Dichloropropene	8/5/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2218429-05	1,2-Dichloroethane	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2218429-05	Bromoform	8/5/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-3-4	2218429-05	Chloroform	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Chloroethane	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2218429-05	Chlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Carbon tetrachloride	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2218429-05	tert-Butylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-4	2218429-05	sec-Butylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-3-4	2218429-05	Dibromomethane	8/5/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-4	2218429-05	Bromomethane	8/5/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-4	2218429-05	cis-1,3-Dichloropropene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Bromodichloromethane	8/5/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-4	2218429-05	Bromochloromethane	8/5/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-3-4	2218429-05	Bromobenzene	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	Benzene	8/5/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2218429-05	2-Chlorotoluene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	4-Chlorotoluene	8/5/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-3-4	2218429-05	Dibromochloromethane	8/5/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-3-4	2218429-05	n-Butylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218429

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	2218429-05	Carbon disulfide	8/5/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-3-4	2218429-05	1,2,4-Trimethylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-3-4	2218429-05	Hexachlorobutadiene	8/5/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-3-4	2218429-05	Vinyl chloride	8/5/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-4	2218429-05	2,2-Dichloropropane	8/5/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-3-4	2218429-05	Acrylonitrile	8/5/2022	5	Y	n	u		5.0	1.5	ug/L
MW-3-4	2218429-05	Allyl chloride	8/5/2022	5	Y	n	u		5.0	0.47	ug/L
MW-3-4	2218429-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/5/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	t-Butyl alcohol	8/5/2022	2	Y	n	u		2.0	2.0	ug/L
MW-3-4	2218429-05	1,3,5-Trimethylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	trans-1,4-Dichloro-2-butene	8/5/2022	5	Y	n	u		5.0	1.8	ug/L
MW-3-4	2218429-05	Diethyl ether	8/5/2022	2	Y	n	u		2.0	0.33	ug/L
MW-3-4	2218429-05	Ethyl methacrylate	8/5/2022	4	Y	n	u		4.0	1.3	ug/L
MW-3-4	2218429-05	Ethyl t-butyl ether	8/5/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-3-4	2218429-05	Hexachloroethane	8/5/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-3-4	2218429-05	2-Hexanone	8/5/2022	10	Y	n	u		10	5.0	ug/L
MW-3-4	2218429-05	Methacrylonitrile	8/5/2022	10	Y	n	u		10	2.3	ug/L
MW-3-4	2218429-05	t-Amyl Methyl ether	8/5/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	n-Propylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-3-4	2218429-05	Isopropylbenzene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	p-Isopropyltoluene	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Methylene chloride	8/5/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2218429-05	Acetone	8/5/2022	10	Y	n	u		10	6.6	ug/L
MW-3-4	2218429-05	Naphthalene	8/5/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-3-4	2218429-05	1,2,3-Trichloropropane	8/5/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2218429

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	2218429-05	1,1,1,2-Tetrachloroethane	8/5/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2218429-05	Trichloroethene	8/5/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	Methyl t-butyl ether	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Trichlorofluoromethane	8/5/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-3-4	2218429-05	Tetrachloroethene	8/5/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-3-4	2218429-05	1,1,2-Trichloroethane	8/5/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2218429-05	1,1,1-Trichloroethane	8/5/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-3-4	2218429-05	1,2,4-Trichlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-3-4	2218429-05	1,2,3-Trichlorobenzene	8/5/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-3-4	2218429-05	Toluene	8/5/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	o-Xylene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-080322	2218429-01	tert-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-3-080322	2218429-01	Bromobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	Bromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-080322	2218429-01	Bromodichloromethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-080322	2218429-01	Bromoform	8/6/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-3-080322	2218429-01	Bromomethane	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-080322	2218429-01	n-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	sec-Butylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-080322	2218429-01	Benzene	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-080322	2218429-01	Vinyl chloride	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-3-080322	2218429-01	1,2,4-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	Diethyl ether	8/6/2022	2	Y	n	u		2.0	0.33	ug/L
TB-3-080322	2218429-01	trans-1,4-Dichloro-2-butene	8/6/2022	5	Y	n	u		5.0	1.8	ug/L
TB-3-080322	2218429-01	Carbon disulfide	8/6/2022	0.5	Y	n	u		0.50	0.48	ug/L

SDG: 2218429

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-3-080322	2218429-01	t-Butyl alcohol	8/6/2022	2	Y	n	u		2.0	2.0	ug/L
TB-3-080322	2218429-01	t-Amyl Methyl ether	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-080322	2218429-01	Allyl chloride	8/6/2022	5	Y	n	u		5.0	0.47	ug/L
TB-3-080322	2218429-01	Ethyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-3-080322	2218429-01	Acetone	8/6/2022	10	Y	n	u		10	6.6	ug/L
TB-3-080322	2218429-01	Hexachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-080322	2218429-01	1,3,5-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	1,2,4-Trimethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-080322	2218429-01	1,2,3-Trichloropropane	8/6/2022	1	Y	n	u		1.0	0.78	ug/L
TB-3-080322	2218429-01	Trichlorofluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	Trichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-080322	2218429-01	1,1,2-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-080322	2218429-01	Tetrahydrofuran	8/6/2022	20	Y	n	u		20	5.2	ug/L
TB-3-080322	2218429-01	Acrylonitrile	8/6/2022	5	Y	n	u		5.0	1.5	ug/L
TB-3-080322	2218429-01	p- & m-Xylenes	8/6/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-3-080322	2218429-01	Methyl acrylate	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	Chloroacetonitrile	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	2-Nitropropane	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	1-Chlorobutane	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	1,1-Dichloropropanone	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	Nitrobenzene	8/6/2022	0	Y	y	v				ug/L
TB-3-080322	2218429-01	4-Bromofluorobenzene (Surrogate)	8/6/2022	9.7	Y	y	v s				ug/L
TB-3-080322	2218429-01	Ethyl methacrylate	8/6/2022	4	Y	n	u		4.0	1.3	ug/L
TB-3-080322	2218429-01	1,2-Dichloroethane-d4 (Surrogate)	8/6/2022	9.6	Y	y	v s				ug/L

SDG: 2218429

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-3-080322	2218429-01	1,2,3-Trichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-080322	2218429-01	Propionitrile	8/6/2022	20	Y	n	u		20	6.2	ug/L
TB-3-080322	2218429-01	Pentachloroethane	8/6/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-3-080322	2218429-01	Methyl methacrylate	8/6/2022	5	Y	n	u		5.0	1.2	ug/L
TB-3-080322	2218429-01	Methyl isobutyl ketone	8/6/2022	5	Y	n	u		5.0	2.4	ug/L
TB-3-080322	2218429-01	Methyl iodide	8/6/2022	2	Y	n	u		2.0	1.1	ug/L
TB-3-080322	2218429-01	Methyl ethyl ketone	8/6/2022	5	Y	n	u		5.0	3.3	ug/L
TB-3-080322	2218429-01	Methacrylonitrile	8/6/2022	10	Y	n	u		10	2.3	ug/L
TB-3-080322	2218429-01	2-Hexanone	8/6/2022	10	Y	n	u		10	5.0	ug/L
TB-3-080322	2218429-01	Toluene-d8 (Surrogate)	8/6/2022	10	Y	y	v s				ug/L
TB-3-080322	2218429-01	1,2-Dibromoethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-3-080322	2218429-01	1,1,1-Trichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-080322	2218429-01	1,1-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-080322	2218429-01	1,2-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	1,1-Dichloroethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	Dichlorodifluoromethane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	1,4-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	1,3-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-3-080322	2218429-01	trans-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	Dibromomethane	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-3-080322	2218429-01	1,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	1,2-Dibromo-3-chloropropane	8/6/2022	1	Y	n	u		1.0	0.89	ug/L
TB-3-080322	2218429-01	Dibromochloromethane	8/6/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-3-080322	2218429-01	4-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-3-080322	2218429-01	2-Chlorotoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218429

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-3-080322	2218429-01	Chloromethane	8/6/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-3-080322	2218429-01	Chloroform	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	Chloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	Chlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	1,2-Dichlorobenzene	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-080322	2218429-01	p-Isopropyltoluene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	Toluene	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	Tetrachloroethene	8/6/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-3-080322	2218429-01	1,1,2,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	1,1,1,2-Tetrachloroethane	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-080322	2218429-01	Styrene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-3-080322	2218429-01	n-Propylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-3-080322	2218429-01	Naphthalene	8/6/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-3-080322	2218429-01	cis-1,2-Dichloroethene	8/6/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-3-080322	2218429-01	Methylene chloride	8/6/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-3-080322	2218429-01	Carbon tetrachloride	8/6/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-3-080322	2218429-01	Isopropylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	Hexachlorobutadiene	8/6/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-3-080322	2218429-01	Ethylbenzene	8/6/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-3-080322	2218429-01	trans-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-080322	2218429-01	cis-1,3-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-3-080322	2218429-01	1,1-Dichloropropene	8/6/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-3-080322	2218429-01	2,2-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-3-080322	2218429-01	1,3-Dichloropropane	8/6/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-3-080322	2218429-01	Methyl t-butyl ether	8/6/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG:

2218429

NASA JPL, 3Q2022 - LDC 55041

SDG: 2218492

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-3-3Q22	2218492-07	Total Recoverable Chromium	8/10/2022	1.7	Y	y	v j		3.0	0.50	ug/L
EB-4-080422	2218492-09	Total Recoverable Chromium	8/10/2022	3	Y	n	u		3.0	0.50	ug/L
MW-22-2	2218492-03	Total Recoverable Chromium	8/10/2022	2	Y	y	v j		3.0	0.50	ug/L
MW-22-3	2218492-02	Total Recoverable Chromium	8/10/2022	1.8	Y	y	v j		3.0	0.50	ug/L
MW-24-1	2218492-08	Total Recoverable Chromium	8/10/2022	2.5	Y	y	v j		3.0	0.50	ug/L
MW-24-2	2218492-06	Total Recoverable Chromium	8/10/2022	2	Y	y	v j		3.0	0.50	ug/L
MW-24-3	2218492-05	Total Recoverable Chromium	8/10/2022	1.1	Y	y	v j		3.0	0.50	ug/L
MW-24-4	2218492-04	Total Recoverable Chromium	8/10/2022	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-3-3Q22	2218492-07	Hexavalent Chromium	8/12/2022	0.0018	Y	y	v	J	0.0002	0.0000	mg/L
EB-4-080422	2218492-09	Hexavalent Chromium	8/12/2022	0.00008	Y	y	v j	J	0.0002	0.0000	mg/L
MW-22-2	2218492-03	Hexavalent Chromium	8/12/2022	0.002	Y	y	v	J	0.0002	0.0000	mg/L
MW-22-3	2218492-02	Hexavalent Chromium	8/12/2022	0.0022	Y	y	v	J	0.0002	0.0000	mg/L
MW-24-1	2218492-08	Hexavalent Chromium	8/12/2022	0.00027	Y	y	v	UJ	0.0002	0.0000	mg/L
MW-24-2	2218492-06	Hexavalent Chromium	8/12/2022	0.0017	Y	y	v	J	0.0002	0.0000	mg/L
MW-24-3	2218492-05	Hexavalent Chromium	8/12/2022	0.0002	Y	n	u	R	0.0002	0.0000	mg/L
MW-24-4	2218492-04	Hexavalent Chromium	8/12/2022	0.000098	Y	y	v j	UJ	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	2218492-08	Chloride	8/5/2022	81	Y	y	v		0.50	0.13	mg/L
MW-24-1	2218492-08	Sulfate	8/5/2022	57	Y	y	v		1.0	0.14	mg/L
MW-24-1	2218492-08	Nitrate as N	8/5/2022	2.5	Y	y	v		0.10	0.024	mg/L

SDG: 2218492

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-3-3Q22	2218492-07	Perchlorate	8/17/2022	15	Y	y	v		2.0	0.81	ug/L
EB-4-080422	2218492-09	Perchlorate	8/17/2022	2	Y	n	u		2.0	0.81	ug/L
MW-22-2	2218492-03	Perchlorate	8/17/2022	2.3	Y	y	v		2.0	0.81	ug/L
MW-22-3	2218492-02	Perchlorate	8/17/2022	3.1	Y	y	v		2.0	0.81	ug/L
MW-24-1	2218492-08	Perchlorate	8/17/2022	95	Y	y	v		20	8.1	ug/L
MW-24-2	2218492-06	Perchlorate	8/17/2022	15	Y	y	v		2.0	0.81	ug/L
MW-24-3	2218492-05	Perchlorate	8/17/2022	2	Y	n	u		2.0	0.81	ug/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	2218492-08	Nitrite as N	8/5/2022	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	2218492-08	ortho-Phosphate as P	8/6/2022	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-3-3Q22	2218492-07	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-3Q22	2218492-07	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-3-3Q22	2218492-07	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-3-3Q22	2218492-07	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-3-3Q22	2218492-07	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
DUP-3-3Q22	2218492-07	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-3-3Q22	2218492-07	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-3-3Q22	2218492-07	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-3-3Q22	2218492-07	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218492

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-3-3Q22	2218492-07	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-3-3Q22	2218492-07	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-3-3Q22	2218492-07	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
DUP-3-3Q22	2218492-07	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-3Q22	2218492-07	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-3Q22	2218492-07	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-3-3Q22	2218492-07	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-3-3Q22	2218492-07	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-3Q22	2218492-07	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
DUP-3-3Q22	2218492-07	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.7	Y	y	v s				ug/L
DUP-3-3Q22	2218492-07	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-3-3Q22	2218492-07	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.2	Y	y	v s				ug/L
DUP-3-3Q22	2218492-07	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
DUP-3-3Q22	2218492-07	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-3-3Q22	2218492-07	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
DUP-3-3Q22	2218492-07	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-3Q22	2218492-07	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218492

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-3-3Q22	2218492-07	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-3-3Q22	2218492-07	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-3-3Q22	2218492-07	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
DUP-3-3Q22	2218492-07	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-3-3Q22	2218492-07	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
DUP-3-3Q22	2218492-07	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-3-3Q22	2218492-07	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-3-3Q22	2218492-07	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-3Q22	2218492-07	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-3-3Q22	2218492-07	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-3-3Q22	2218492-07	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-3-3Q22	2218492-07	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-3-3Q22	2218492-07	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-3-3Q22	2218492-07	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-3Q22	2218492-07	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-3Q22	2218492-07	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-3Q22	2218492-07	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-3Q22	2218492-07	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2218492

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-3-3Q22	2218492-07	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-3Q22	2218492-07	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-3Q22	2218492-07	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-3-3Q22	2218492-07	Chloroform	8/10/2022	0.89	Y	y	v		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-3Q22	2218492-07	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-3Q22	2218492-07	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-3-3Q22	2218492-07	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-3Q22	2218492-07	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-3-3Q22	2218492-07	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-3-3Q22	2218492-07	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-3-3Q22	2218492-07	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-3-3Q22	2218492-07	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-3Q22	2218492-07	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-3-3Q22	2218492-07	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-3-3Q22	2218492-07	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-3-3Q22	2218492-07	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218492

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-3-3Q22	2218492-07	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-3Q22	2218492-07	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-3-3Q22	2218492-07	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-3-3Q22	2218492-07	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-3-3Q22	2218492-07	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-4-080422	2218492-09	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-080422	2218492-09	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-080422	2218492-09	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-080422	2218492-09	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-080422	2218492-09	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-080422	2218492-09	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-080422	2218492-09	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-080422	2218492-09	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-080422	2218492-09	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-080422	2218492-09	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2218492

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-4-080422	2218492-09	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-4-080422	2218492-09	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-080422	2218492-09	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-4-080422	2218492-09	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-080422	2218492-09	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-4-080422	2218492-09	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-4-080422	2218492-09	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-080422	2218492-09	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-080422	2218492-09	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-4-080422	2218492-09	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-080422	2218492-09	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-4-080422	2218492-09	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-4-080422	2218492-09	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
EB-4-080422	2218492-09	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-4-080422	2218492-09	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-4-080422	2218492-09	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2218492

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-4-080422	2218492-09	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
EB-4-080422	2218492-09	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-4-080422	2218492-09	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-4-080422	2218492-09	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
EB-4-080422	2218492-09	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
EB-4-080422	2218492-09	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
EB-4-080422	2218492-09	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-4-080422	2218492-09	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
EB-4-080422	2218492-09	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
EB-4-080422	2218492-09	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-4-080422	2218492-09	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
EB-4-080422	2218492-09	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.6	Y	y	v s				ug/L
EB-4-080422	2218492-09	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
EB-4-080422	2218492-09	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.4	Y	y	v s				ug/L
EB-4-080422	2218492-09	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-4-080422	2218492-09	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-4-080422	2218492-09	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
EB-4-080422	2218492-09	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
EB-4-080422	2218492-09	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-080422	2218492-09	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-4-080422	2218492-09	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-4-080422	2218492-09	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-080422	2218492-09	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218492

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-4-080422	2218492-09	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-080422	2218492-09	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-080422	2218492-09	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-080422	2218492-09	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
EB-4-080422	2218492-09	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
EB-4-080422	2218492-09	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-4-080422	2218492-09	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-4-080422	2218492-09	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-4-080422	2218492-09	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
EB-4-080422	2218492-09	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
EB-4-080422	2218492-09	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
EB-4-080422	2218492-09	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-4-080422	2218492-09	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
EB-4-080422	2218492-09	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-4-080422	2218492-09	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
EB-4-080422	2218492-09	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-2	2218492-03	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2	2218492-03	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2218492

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	2218492-03	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-22-2	2218492-03	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-22-2	2218492-03	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-22-2	2218492-03	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-22-2	2218492-03	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2	2218492-03	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-22-2	2218492-03	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-22-2	2218492-03	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-22-2	2218492-03	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2	2218492-03	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-22-2	2218492-03	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2	2218492-03	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-22-2	2218492-03	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2	2218492-03	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2	2218492-03	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-22-2	2218492-03	Toluene-d8 (Surrogate)	8/10/2022	10	Y	y	v s				ug/L
MW-22-2	2218492-03	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2	2218492-03	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2	2218492-03	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218492

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	2218492-03	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-22-2	2218492-03	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-22-2	2218492-03	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-22-2	2218492-03	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.2	Y	y	v s				ug/L
MW-22-2	2218492-03	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2	2218492-03	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-22-2	2218492-03	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-22-2	2218492-03	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-22-2	2218492-03	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-22-2	2218492-03	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-22-2	2218492-03	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-22-2	2218492-03	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2	2218492-03	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-22-2	2218492-03	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2	2218492-03	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-2	2218492-03	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2	2218492-03	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-2	2218492-03	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218492

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	2218492-03	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-2	2218492-03	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-2	2218492-03	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-2	2218492-03	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-22-2	2218492-03	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-2	2218492-03	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2	2218492-03	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2	2218492-03	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-22-2	2218492-03	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-2	2218492-03	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2	2218492-03	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-2	2218492-03	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-2	2218492-03	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2	2218492-03	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-2	2218492-03	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-2	2218492-03	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-22-2	2218492-03	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-2	2218492-03	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2218492

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	2218492-03	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-2	2218492-03	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-2	2218492-03	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2	2218492-03	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-2	2218492-03	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-2	2218492-03	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-2	2218492-03	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-2	2218492-03	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-2	2218492-03	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-3	2218492-02	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3	2218492-02	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3	2218492-02	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-3	2218492-02	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-3	2218492-02	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3	2218492-02	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3	2218492-02	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3	2218492-02	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218492

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	2218492-02	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3	2218492-02	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3	2218492-02	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3	2218492-02	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-22-3	2218492-02	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3	2218492-02	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-22-3	2218492-02	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-22-3	2218492-02	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-22-3	2218492-02	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3	2218492-02	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3	2218492-02	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3	2218492-02	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-22-3	2218492-02	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-22-3	2218492-02	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3	2218492-02	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3	2218492-02	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3	2218492-02	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3	2218492-02	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3	2218492-02	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3	2218492-02	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-3	2218492-02	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218492

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	2218492-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-22-3	2218492-02	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-22-3	2218492-02	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.3	Y	y	v s				ug/L
MW-22-3	2218492-02	Toluene-d8 (Surrogate)	8/10/2022	9.8	Y	y	v s				ug/L
MW-22-3	2218492-02	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-22-3	2218492-02	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3	2218492-02	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-22-3	2218492-02	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-22-3	2218492-02	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-22-3	2218492-02	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-22-3	2218492-02	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-22-3	2218492-02	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-22-3	2218492-02	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-22-3	2218492-02	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3	2218492-02	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-22-3	2218492-02	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-22-3	2218492-02	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-22-3	2218492-02	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-22-3	2218492-02	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2218492

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	2218492-02	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-22-3	2218492-02	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-22-3	2218492-02	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-22-3	2218492-02	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-22-3	2218492-02	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-22-3	2218492-02	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-22-3	2218492-02	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-3	2218492-02	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-22-3	2218492-02	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-22-3	2218492-02	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-22-3	2218492-02	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3	2218492-02	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-22-3	2218492-02	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-22-3	2218492-02	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-22-3	2218492-02	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-22-3	2218492-02	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-3	2218492-02	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-22-3	2218492-02	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-22-3	2218492-02	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-22-3	2218492-02	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-22-3	2218492-02	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-22-3	2218492-02	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218492

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	2218492-02	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-1	2218492-08	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1	2218492-08	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-1	2218492-08	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1	2218492-08	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-1	2218492-08	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1	2218492-08	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-1	2218492-08	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1	2218492-08	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-1	2218492-08	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1	2218492-08	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1	2218492-08	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1	2218492-08	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1	2218492-08	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1	2218492-08	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-24-1	2218492-08	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2218492

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	2218492-08	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1	2218492-08	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-24-1	2218492-08	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-24-1	2218492-08	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-1	2218492-08	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-1	2218492-08	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-1	2218492-08	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-1	2218492-08	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-1	2218492-08	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-1	2218492-08	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1	2218492-08	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-1	2218492-08	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-24-1	2218492-08	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1	2218492-08	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1	2218492-08	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-1	2218492-08	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-1	2218492-08	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-1	2218492-08	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-24-1	2218492-08	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-1	2218492-08	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2218492

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	2218492-08	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-1	2218492-08	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-24-1	2218492-08	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-24-1	2218492-08	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-24-1	2218492-08	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-24-1	2218492-08	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-1	2218492-08	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1	2218492-08	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	Toluene-d8 (Surrogate)	8/10/2022	10	Y	y	v s				ug/L
MW-24-1	2218492-08	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.7	Y	y	v s				ug/L
MW-24-1	2218492-08	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-24-1	2218492-08	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-1	2218492-08	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-1	2218492-08	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-1	2218492-08	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1	2218492-08	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-1	2218492-08	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-1	2218492-08	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218492

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	2218492-08	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-1	2218492-08	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-1	2218492-08	Bromodichloromethane	8/10/2022	0.27	Y	y	v j		0.50	0.20	ug/L
MW-24-1	2218492-08	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-1	2218492-08	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-1	2218492-08	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-1	2218492-08	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-1	2218492-08	Chloroform	8/10/2022	1.5	Y	y	v		0.50	0.14	ug/L
MW-24-1	2218492-08	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-1	2218492-08	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-1	2218492-08	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-1	2218492-08	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-1	2218492-08	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-2	2218492-06	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-2	2218492-06	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-2	2218492-06	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2	2218492-06	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2	2218492-06	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2	2218492-06	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218492

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	2218492-06	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2	2218492-06	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2	2218492-06	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-2	2218492-06	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2	2218492-06	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-2	2218492-06	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-2	2218492-06	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-2	2218492-06	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2	2218492-06	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2	2218492-06	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-2	2218492-06	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-2	2218492-06	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-2	2218492-06	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2	2218492-06	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-2	2218492-06	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	Chloroform	8/10/2022	0.81	Y	y	v		0.50	0.14	ug/L

SDG: 2218492

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	2218492-06	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-2	2218492-06	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-2	2218492-06	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-2	2218492-06	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-2	2218492-06	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-2	2218492-06	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2	2218492-06	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-24-2	2218492-06	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-2	2218492-06	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2	2218492-06	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-24-2	2218492-06	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-24-2	2218492-06	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-2	2218492-06	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-2	2218492-06	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-24-2	2218492-06	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-24-2	2218492-06	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-24-2	2218492-06	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-2	2218492-06	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-2	2218492-06	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-2	2218492-06	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.2	Y	y	v s				ug/L
MW-24-2	2218492-06	Toluene-d8 (Surrogate)	8/10/2022	10	Y	y	v s				ug/L

SDG: 2218492

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	2218492-06	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-24-2	2218492-06	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-24-2	2218492-06	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-24-2	2218492-06	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-2	2218492-06	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2	2218492-06	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-2	2218492-06	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2	2218492-06	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-2	2218492-06	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2	2218492-06	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-2	2218492-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2	2218492-06	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-24-2	2218492-06	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-2	2218492-06	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-24-2	2218492-06	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-2	2218492-06	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-2	2218492-06	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-2	2218492-06	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2218492

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	2218492-06	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-2	2218492-06	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-2	2218492-06	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-2	2218492-06	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-2	2218492-06	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-2	2218492-06	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3	2218492-05	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-3	2218492-05	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-24-3	2218492-05	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-3	2218492-05	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3	2218492-05	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3	2218492-05	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3	2218492-05	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3	2218492-05	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3	2218492-05	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-24-3	2218492-05	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3	2218492-05	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2218492

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	2218492-05	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-3	2218492-05	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-24-3	2218492-05	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-3	2218492-05	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3	2218492-05	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-24-3	2218492-05	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	1,1-Dichloroethane	8/10/2022	0.23	Y	y	v j		0.50	0.15	ug/L
MW-24-3	2218492-05	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3	2218492-05	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3	2218492-05	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-3	2218492-05	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-24-3	2218492-05	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-24-3	2218492-05	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-24-3	2218492-05	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-3	2218492-05	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3	2218492-05	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2218492

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	2218492-05	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-24-3	2218492-05	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-24-3	2218492-05	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-24-3	2218492-05	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-3	2218492-05	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-24-3	2218492-05	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-24-3	2218492-05	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-24-3	2218492-05	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-24-3	2218492-05	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-24-3	2218492-05	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-24-3	2218492-05	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-24-3	2218492-05	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-24-3	2218492-05	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-24-3	2218492-05	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-24-3	2218492-05	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-24-3	2218492-05	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
MW-24-3	2218492-05	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-24-3	2218492-05	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-24-3	2218492-05	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-24-3	2218492-05	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218492

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	2218492-05	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.4	Y	y	v s				ug/L
MW-24-3	2218492-05	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-24-3	2218492-05	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-24-3	2218492-05	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-24-3	2218492-05	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-24-3	2218492-05	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3	2218492-05	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-24-3	2218492-05	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-24-3	2218492-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3	2218492-05	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-24-3	2218492-05	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-24-3	2218492-05	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3	2218492-05	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-24-3	2218492-05	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-24-3	2218492-05	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-24-3	2218492-05	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-24-3	2218492-05	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-24-3	2218492-05	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-24-3	2218492-05	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-4-080422	2218492-01	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
TB-4-080422	2218492-01	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2218492

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-4-080422	2218492-01	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-080422	2218492-01	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-4-080422	2218492-01	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-4-080422	2218492-01	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-080422	2218492-01	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-4-080422	2218492-01	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-080422	2218492-01	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-4-080422	2218492-01	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-080422	2218492-01	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-080422	2218492-01	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-4-080422	2218492-01	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-080422	2218492-01	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-4-080422	2218492-01	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-080422	2218492-01	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218492

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-4-080422	2218492-01	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-4-080422	2218492-01	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-080422	2218492-01	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
TB-4-080422	2218492-01	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
TB-4-080422	2218492-01	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-4-080422	2218492-01	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
TB-4-080422	2218492-01	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
TB-4-080422	2218492-01	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
TB-4-080422	2218492-01	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-4-080422	2218492-01	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-4-080422	2218492-01	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
TB-4-080422	2218492-01	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
TB-4-080422	2218492-01	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
TB-4-080422	2218492-01	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-4-080422	2218492-01	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
TB-4-080422	2218492-01	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
TB-4-080422	2218492-01	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-4-080422	2218492-01	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-080422	2218492-01	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
TB-4-080422	2218492-01	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-4-080422	2218492-01	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-080422	2218492-01	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	8.9	Y	y	v s				ug/L
TB-4-080422	2218492-01	Toluene-d8 (Surrogate)	8/10/2022	9.8	Y	y	v s				ug/L
TB-4-080422	2218492-01	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
TB-4-080422	2218492-01	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L

SDG: 2218492

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-4-080422	2218492-01	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
TB-4-080422	2218492-01	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
TB-4-080422	2218492-01	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
TB-4-080422	2218492-01	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
TB-4-080422	2218492-01	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
TB-4-080422	2218492-01	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
TB-4-080422	2218492-01	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-4-080422	2218492-01	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-080422	2218492-01	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-080422	2218492-01	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-4-080422	2218492-01	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-080422	2218492-01	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-4-080422	2218492-01	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-4-080422	2218492-01	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
TB-4-080422	2218492-01	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-080422	2218492-01	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
TB-4-080422	2218492-01	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-4-080422	2218492-01	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218492

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-4-080422	2218492-01	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-4-080422	2218492-01	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-080422	2218492-01	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-4-080422	2218492-01	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-080422	2218492-01	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
TB-4-080422	2218492-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-4-080422	2218492-01	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-4-080422	2218492-01	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-4-080422	2218492-01	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-4-080422	2218492-01	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L

NASA JPL, 3Q2022 - LDC 55041

SDG: 2218561

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-4-3Q22	2218561-06	Total Recoverable Chromium	8/10/2022	9.1	Y	y	v		3.0	0.50	ug/L
EB-5-080522	2218561-07	Total Recoverable Chromium	8/10/2022	3	Y	n	u		3.0	0.50	ug/L
MW-23-2	2218561-04	Total Recoverable Chromium	8/10/2022	1.7	Y	y	v j		3.0	0.50	ug/L
MW-23-3	2218561-03	Total Recoverable Chromium	8/10/2022	3.3	Y	y	v		3.0	0.50	ug/L
MW-23-4	2218561-02	Total Recoverable Chromium	8/10/2022	4.6	Y	y	v		3.0	0.50	ug/L
MW-26-2	2218561-05	Total Recoverable Chromium	8/10/2022	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-4-3Q22	2218561-06	Hexavalent Chromium	8/9/2022	0.00095	Y	y	v		0.0002	0.0000	mg/L
EB-5-080522	2218561-07	Hexavalent Chromium	8/9/2022	0.000093	Y	y	v j	U	0.0002	0.0000	mg/L
MW-23-2	2218561-04	Hexavalent Chromium	8/9/2022	0.0018	Y	y	v	J	0.0002	0.0000	mg/L
MW-23-3	2218561-03	Hexavalent Chromium	8/9/2022	0.0026	Y	y	v		0.0002	0.0000	mg/L
MW-23-4	2218561-02	Hexavalent Chromium	8/9/2022	0.0042	Y	y	v		0.0002	0.0000	mg/L
MW-26-2	2218561-05	Hexavalent Chromium	8/9/2022	0.0008	Y	y	v	J	0.0002	0.0000	mg/L

Analytical Method											
EPA-314.0											
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-4-3Q22	2218561-06	Perchlorate	8/18/2022	3	Y	y	v		2.0	0.81	ug/L
EB-5-080522	2218561-07	Perchlorate	8/18/2022	2	Y	n	u		2.0	0.81	ug/L
MW-23-2	2218561-04	Perchlorate	8/18/2022	4.4	Y	y	v		2.0	0.81	ug/L
MW-23-3	2218561-03	Perchlorate	8/18/2022	3.5	Y	y	v		2.0	0.81	ug/L
MW-26-2	2218561-05	Perchlorate	8/18/2022	3	Y	y	v		2.0	0.81	ug/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

SDG: 2218561

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-4-3Q22	2218561-06	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-3Q22	2218561-06	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-3Q22	2218561-06	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-4-3Q22	2218561-06	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-4-3Q22	2218561-06	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
DUP-4-3Q22	2218561-06	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-4-3Q22	2218561-06	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-3Q22	2218561-06	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-4-3Q22	2218561-06	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-4-3Q22	2218561-06	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-3Q22	2218561-06	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-4-3Q22	2218561-06	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-3Q22	2218561-06	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	Tetrachloroethene	8/10/2022	1.1	Y	y	v		0.50	0.23	ug/L
DUP-4-3Q22	2218561-06	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	Trichloroethene	8/10/2022	0.2	Y	y	v j		0.50	0.19	ug/L
DUP-4-3Q22	2218561-06	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-4-3Q22	2218561-06	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
DUP-4-3Q22	2218561-06	Toluene-d8 (Surrogate)	8/10/2022	10	Y	y	v s				ug/L
DUP-4-3Q22	2218561-06	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.4	Y	y	v s				ug/L
DUP-4-3Q22	2218561-06	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218561

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-4-3Q22	2218561-06	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-4-3Q22	2218561-06	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
DUP-4-3Q22	2218561-06	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
DUP-4-3Q22	2218561-06	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-4-3Q22	2218561-06	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-4-3Q22	2218561-06	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-4-3Q22	2218561-06	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-4-3Q22	2218561-06	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-4-3Q22	2218561-06	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
DUP-4-3Q22	2218561-06	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
DUP-4-3Q22	2218561-06	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-4-3Q22	2218561-06	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-4-3Q22	2218561-06	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-4-3Q22	2218561-06	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-3Q22	2218561-06	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-4-3Q22	2218561-06	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-4-3Q22	2218561-06	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-4-3Q22	2218561-06	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-4-3Q22	2218561-06	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-4-3Q22	2218561-06	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-4-3Q22	2218561-06	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-4-3Q22	2218561-06	Chloroform	8/10/2022	1.3	Y	y	v		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218561

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-4-3Q22	2218561-06	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-4-3Q22	2218561-06	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-4-3Q22	2218561-06	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-3Q22	2218561-06	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-3Q22	2218561-06	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-4-3Q22	2218561-06	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-3Q22	2218561-06	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-3Q22	2218561-06	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-4-3Q22	2218561-06	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-3Q22	2218561-06	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
DUP-4-3Q22	2218561-06	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-4-3Q22	2218561-06	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-4-3Q22	2218561-06	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-3Q22	2218561-06	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-4-3Q22	2218561-06	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-4-3Q22	2218561-06	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-4-3Q22	2218561-06	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-4-3Q22	2218561-06	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218561

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-4-3Q22	2218561-06	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-3Q22	2218561-06	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-4-3Q22	2218561-06	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-4-3Q22	2218561-06	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-4-3Q22	2218561-06	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-4-3Q22	2218561-06	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-4-3Q22	2218561-06	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-4-3Q22	2218561-06	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
DUP-4-3Q22	2218561-06	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
DUP-4-3Q22	2218561-06	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
DUP-4-3Q22	2218561-06	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
DUP-4-3Q22	2218561-06	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-080522	2218561-07	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-080522	2218561-07	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
EB-5-080522	2218561-07	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
EB-5-080522	2218561-07	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
EB-5-080522	2218561-07	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-080522	2218561-07	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-080522	2218561-07	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2218561

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-5-080522	2218561-07	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
EB-5-080522	2218561-07	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-5-080522	2218561-07	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-080522	2218561-07	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-5-080522	2218561-07	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-080522	2218561-07	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-5-080522	2218561-07	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-080522	2218561-07	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-080522	2218561-07	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
EB-5-080522	2218561-07	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-5-080522	2218561-07	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
EB-5-080522	2218561-07	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-080522	2218561-07	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
EB-5-080522	2218561-07	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-5-080522	2218561-07	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
EB-5-080522	2218561-07	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.2	Y	y	v s				ug/L
EB-5-080522	2218561-07	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2218561

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-5-080522	2218561-07	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
EB-5-080522	2218561-07	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-5-080522	2218561-07	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
EB-5-080522	2218561-07	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
EB-5-080522	2218561-07	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
EB-5-080522	2218561-07	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-5-080522	2218561-07	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-5-080522	2218561-07	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
EB-5-080522	2218561-07	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
EB-5-080522	2218561-07	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-080522	2218561-07	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-5-080522	2218561-07	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-5-080522	2218561-07	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
EB-5-080522	2218561-07	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-5-080522	2218561-07	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-5-080522	2218561-07	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-5-080522	2218561-07	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-080522	2218561-07	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-5-080522	2218561-07	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-080522	2218561-07	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218561

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-5-080522	2218561-07	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-5-080522	2218561-07	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-5-080522	2218561-07	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-5-080522	2218561-07	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
EB-5-080522	2218561-07	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.3	Y	y	v s				ug/L
EB-5-080522	2218561-07	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-5-080522	2218561-07	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-5-080522	2218561-07	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-080522	2218561-07	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-5-080522	2218561-07	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-5-080522	2218561-07	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-5-080522	2218561-07	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-5-080522	2218561-07	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-5-080522	2218561-07	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-5-080522	2218561-07	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-5-080522	2218561-07	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-5-080522	2218561-07	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-5-080522	2218561-07	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218561

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-5-080522	2218561-07	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-5-080522	2218561-07	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-5-080522	2218561-07	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-5-080522	2218561-07	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-23-2	2218561-04	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-2	2218561-04	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-23-2	2218561-04	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-23-2	2218561-04	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-23-2	2218561-04	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2218561-04	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-23-2	2218561-04	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-23-2	2218561-04	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-23-2	2218561-04	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2218561-04	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-23-2	2218561-04	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Trichloroethene	8/10/2022	1	Y	y	v		0.50	0.19	ug/L
MW-23-2	2218561-04	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2218561-04	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-23-2	2218561-04	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218561

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	2218561-04	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2218561-04	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-23-2	2218561-04	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	Tetrachloroethene	8/10/2022	0.54	Y	y	v		0.50	0.23	ug/L
MW-23-2	2218561-04	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	Toluene-d8 (Surrogate)	8/10/2022	10	Y	y	v s				ug/L
MW-23-2	2218561-04	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	8.4	Y	y	v s				ug/L
MW-23-2	2218561-04	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-23-2	2218561-04	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-23-2	2218561-04	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-23-2	2218561-04	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-23-2	2218561-04	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-23-2	2218561-04	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-23-2	2218561-04	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-23-2	2218561-04	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-23-2	2218561-04	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-23-2	2218561-04	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-23-2	2218561-04	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-2	2218561-04	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-23-2	2218561-04	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2218561-04	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218561

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	2218561-04	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2218561-04	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-2	2218561-04	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-23-2	2218561-04	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-2	2218561-04	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-23-2	2218561-04	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-2	2218561-04	Chloroform	8/10/2022	0.51	Y	y	v		0.50	0.14	ug/L
MW-23-2	2218561-04	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-2	2218561-04	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-2	2218561-04	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2218561-04	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-2	2218561-04	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-23-2	2218561-04	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-2	2218561-04	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2218561-04	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.4	Y	y	v s				ug/L
MW-23-2	2218561-04	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2218561-04	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2218561-04	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2218561

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	2218561-04	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-2	2218561-04	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-2	2218561-04	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-2	2218561-04	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-2	2218561-04	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-2	2218561-04	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-2	2218561-04	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-2	2218561-04	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-2	2218561-04	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-2	2218561-04	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-2	2218561-04	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2218561-04	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-2	2218561-04	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-2	2218561-04	1,1-Dichloroethane	8/10/2022	0.21	Y	y	v j		0.50	0.15	ug/L
MW-23-2	2218561-04	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-3	2218561-03	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-23-3	2218561-03	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2218561-03	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-3	2218561-03	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218561

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	2218561-03	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2218561-03	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-23-3	2218561-03	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2218561-03	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2218561-03	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-3	2218561-03	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2218561-03	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-3	2218561-03	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2218561-03	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-23-3	2218561-03	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-23-3	2218561-03	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2218561-03	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-23-3	2218561-03	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2218561-03	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-23-3	2218561-03	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218561

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	2218561-03	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2218561-03	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2218561-03	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2218561-03	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2218561-03	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-23-3	2218561-03	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-3	2218561-03	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-23-3	2218561-03	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-23-3	2218561-03	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-3	2218561-03	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2218561-03	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-23-3	2218561-03	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-23-3	2218561-03	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-23-3	2218561-03	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-23-3	2218561-03	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-23-3	2218561-03	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-23-3	2218561-03	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-23-3	2218561-03	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-23-3	2218561-03	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2218561

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	2218561-03	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-23-3	2218561-03	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-23-3	2218561-03	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-23-3	2218561-03	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-23-3	2218561-03	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-23-3	2218561-03	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-23-3	2218561-03	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.6	Y	y	v s				ug/L
MW-23-3	2218561-03	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
MW-23-3	2218561-03	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.6	Y	y	v s				ug/L
MW-23-3	2218561-03	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-23-3	2218561-03	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-23-3	2218561-03	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-23-3	2218561-03	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-23-3	2218561-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2218561-03	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-23-3	2218561-03	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2218561-03	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-23-3	2218561-03	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2218561-03	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-23-3	2218561-03	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2218561-03	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-23-3	2218561-03	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-23-3	2218561-03	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L

SDG: 2218561

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	2218561-03	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-23-3	2218561-03	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-23-3	2218561-03	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-23-3	2218561-03	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-23-3	2218561-03	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-23-3	2218561-03	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-23-3	2218561-03	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-23-3	2218561-03	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-23-3	2218561-03	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-23-3	2218561-03	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2	2218561-05	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-26-2	2218561-05	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-26-2	2218561-05	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
MW-26-2	2218561-05	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2	2218561-05	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-26-2	2218561-05	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-26-2	2218561-05	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-26-2	2218561-05	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2	2218561-05	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2	2218561-05	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-26-2	2218561-05	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Trichloroethene	8/10/2022	0.21	Y	y	v j		0.50	0.19	ug/L

SDG: 2218561

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	2218561-05	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2	2218561-05	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2	2218561-05	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-26-2	2218561-05	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	Tetrachloroethene	8/10/2022	1.1	Y	y	v		0.50	0.23	ug/L
MW-26-2	2218561-05	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-26-2	2218561-05	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2	2218561-05	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.6	Y	y	v s				ug/L
MW-26-2	2218561-05	Toluene-d8 (Surrogate)	8/10/2022	9.8	Y	y	v s				ug/L
MW-26-2	2218561-05	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.4	Y	y	v s				ug/L
MW-26-2	2218561-05	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-26-2	2218561-05	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-26-2	2218561-05	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-26-2	2218561-05	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
MW-26-2	2218561-05	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-26-2	2218561-05	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-26-2	2218561-05	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-26-2	2218561-05	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2218561

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	2218561-05	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-26-2	2218561-05	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-26-2	2218561-05	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-26-2	2218561-05	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-26-2	2218561-05	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2	2218561-05	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2	2218561-05	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-26-2	2218561-05	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-26-2	2218561-05	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-26-2	2218561-05	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-26-2	2218561-05	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-26-2	2218561-05	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-26-2	2218561-05	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-26-2	2218561-05	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-26-2	2218561-05	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2	2218561-05	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2	2218561-05	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-26-2	2218561-05	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-26-2	2218561-05	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-26-2	2218561-05	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2	2218561-05	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2218561

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	2218561-05	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	Chloroform	8/10/2022	1.2	Y	y	v		0.50	0.14	ug/L
MW-26-2	2218561-05	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-26-2	2218561-05	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-26-2	2218561-05	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-26-2	2218561-05	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-26-2	2218561-05	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-26-2	2218561-05	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2	2218561-05	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-26-2	2218561-05	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-26-2	2218561-05	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-26-2	2218561-05	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-26-2	2218561-05	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-26-2	2218561-05	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-26-2	2218561-05	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-26-2	2218561-05	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218561

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-5-080522	2218561-01	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-080522	2218561-01	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-080522	2218561-01	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-080522	2218561-01	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-080522	2218561-01	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-080522	2218561-01	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-080522	2218561-01	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-080522	2218561-01	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-5-080522	2218561-01	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-5-080522	2218561-01	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-5-080522	2218561-01	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-5-080522	2218561-01	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	Chloroform	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-080522	2218561-01	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218561

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-5-080522	2218561-01	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-5-080522	2218561-01	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-5-080522	2218561-01	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-080522	2218561-01	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-080522	2218561-01	Carbon tetrachloride	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-5-080522	2218561-01	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-5-080522	2218561-01	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-5-080522	2218561-01	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-5-080522	2218561-01	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
TB-5-080522	2218561-01	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-5-080522	2218561-01	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-5-080522	2218561-01	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-080522	2218561-01	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-5-080522	2218561-01	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-5-080522	2218561-01	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
TB-5-080522	2218561-01	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
TB-5-080522	2218561-01	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
TB-5-080522	2218561-01	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L

SDG: 2218561

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-5-080522	2218561-01	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
TB-5-080522	2218561-01	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
TB-5-080522	2218561-01	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-5-080522	2218561-01	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L
TB-5-080522	2218561-01	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-5-080522	2218561-01	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-5-080522	2218561-01	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
TB-5-080522	2218561-01	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.2	Y	y	v s				ug/L
TB-5-080522	2218561-01	Toluene-d8 (Surrogate)	8/10/2022	9.9	Y	y	v s				ug/L
TB-5-080522	2218561-01	4-Bromofluorobenzene (Surrogate)	8/10/2022	10	Y	y	v s				ug/L
TB-5-080522	2218561-01	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
TB-5-080522	2218561-01	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-5-080522	2218561-01	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
TB-5-080522	2218561-01	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-5-080522	2218561-01	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-080522	2218561-01	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-5-080522	2218561-01	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-080522	2218561-01	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-5-080522	2218561-01	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218561

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-5-080522	2218561-01	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-5-080522	2218561-01	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
TB-5-080522	2218561-01	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-5-080522	2218561-01	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-5-080522	2218561-01	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-5-080522	2218561-01	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
TB-5-080522	2218561-01	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
TB-5-080522	2218561-01	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
TB-5-080522	2218561-01	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-5-080522	2218561-01	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L
TB-5-080522	2218561-01	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-5-080522	2218561-01	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
TB-5-080522	2218561-01	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
TB-5-080522	2218561-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L



LABORATORY DATA CONSULTANTS, INC.

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

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

January 9, 2023

SUBJECT: NASA JPL, 3Q2022 - Data Validation

Dear Mr. Conner,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on September 27, 2022. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #55053:

<u>SDG #</u>	<u>Fraction</u>
2218698	Volatiles, Chromium, Wet Chemistry
2218854	
2219070	
2219130	

The data validation was performed under Level III guidelines. The analysis was 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 2020)

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

Sincerely,

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

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022
LDC Report Date: October 17, 2022
Parameters: Volatiles
Validation Level: Level III
Laboratory: BC Laboratories, Inc., Bakersfield, CA
Sample Delivery Group (SDG): 2218698

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-6-080822	2218698-01	Water	08/08/22
MW-4-3	2218698-02	Water	08/08/22
MW-4-2	2218698-03	Water	08/08/22
MW-12-5	2218698-04	Water	08/08/22
MW-12-4	2218698-05	Water	08/08/22
MW-12-3	2218698-06	Water	08/08/22
DUP-5-3Q22	2218698-07	Water	08/08/22
MW-12-2	2218698-08	Water	08/08/22
EB-6-080822	2218698-09	Water	08/08/22
SB-2-080822	2218698-10	Water	08/08/22
MW-12-4MS	2218698-05MS	Water	08/08/22
MW-12-4MSD	2218698-05MSD	Water	08/08/22

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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2218698	UJ (all non-detects)	P

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
08/10/22	Methyl iodide Pentachloroethane	72.2 85.2	All samples in SDG 2218698	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-6-080822 was identified as a trip blank. No contaminants were found.

Sample EB-6-080822 was identified as an equipment blank. No contaminants were found.

Sample SB-2-080822 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-12-3 and DUP-5-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-12-3	DUP-5-3Q22	
Carbon tetrachloride	0.77	0.93	19
Chloroform	0.55	0.67	20

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 ICV %D and 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, 3Q2022
Volatiles - Data Qualification Summary - SDG 2218698

Sample	Analyte	Flag	A or P	Reason
TB-6-080822 MW-4-3 MW-4-2 MW-12-5 MW-12-4 MW-12-3 DUP-5-3Q22 MW-12-2 EB-6-080822 SB-2-080822	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)
TB-6-080822 MW-4-3 MW-4-2 MW-12-5 MW-12-4 MW-12-3 DUP-5-3Q22 MW-12-2 EB-6-080822 SB-2-080822	Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022
Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Volatiles - Field Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

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	Δ	
III.	Initial calibration/ICV	Δ 1SW	% RSD = 20, 1 st ICV = 30
IV.	Continuing calibration	SW	CV = 30
V.	Laboratory Blanks	Δ	
VI.	Field blanks	ND	EB = 9 SB = 10 TB = 1
VII.	Surrogate spikes	Δ	
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LOS
X.	Field duplicates	SW	D = 6, 7
XI.	Internal standards	Δ	
XII.	Target analyte quantitation	N	
XIII.	Target analyte identification	N	
XIV.	System performance	N	
XV.	Overall assessment of data	Δ	

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	TB-6-080822 TB 2/4	2218698-01	Water	08/08/22
2	MW-4-3	2218698-02	Water	08/08/22
3	MW-4-2	2218698-03	Water	08/08/22
4	MW-12-5	2218698-04	Water	08/08/22
5	MW-12-4	2218698-05	Water	08/08/22
6	MW-12-3 D	2218698-06	Water	08/08/22
7	DUP-5-3Q22 D	2218698-07	Water	08/08/22
8	MW-12-2	2218698-08	Water	08/08/22
9	EB-6-080822 EB	2218698-09	Water	08/08/22
10	SB-2-080822 SB	2218698-10	Water	08/08/22
11	MW-12-4MS	2218698-05MS	Water	08/08/22
12	MW-12-4MSD	2218698-05MSD	Water	08/08/22
13	B146307			
14				

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

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GC/MS VOA (EPA SW 846 Method 8260) 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 (≤ %)	QUAL
	6	7		
Ø	F1 0.97	0.77	19	/
K	0.67	0.55	20	

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218698

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-4-3	2218698-02	Water	08/08/22
MW-4-2	2218698-03	Water	08/08/22
MW-12-3	2218698-06	Water	08/08/22
DUP-5-3Q22	2218698-07	Water	08/08/22
MW-12-2	2218698-08	Water	08/08/22
EB-6-080822	2218698-09	Water	08/08/22
SB-2-080822	2218698-10	Water	08/08/22

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 (November 2020). 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-6-080822 was identified as an equipment blank. No contaminants were found.

Sample SB-2-080822 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-12-3 and DUP-5-3Q22 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, 3Q2022
Chromium - Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

LDC #: 55053A4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/30/22

SDG #: 2218698

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NG

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	
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 6 SB = 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	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-4-3	2218698-02	Water	08/08/22
2	MW-4-2	2218698-03	Water	08/08/22
3	MW-12-3	2218698-06	Water	08/08/22
4	DUP-5-3Q22	2218698-07	Water	08/08/22
5	MW-12-2	2218698-08	Water	08/08/22
6	EB-6-080822	2218698-09	Water	08/08/22
7	SB-2-080822	2218698-10	Water	08/08/22
8				
9				
10				
11				

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218698

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-4-3	2218698-02	Water	08/08/22
MW-4-2	2218698-03	Water	08/08/22
MW-12-5	2218698-04	Water	08/08/22
MW-12-4	2218698-05	Water	08/08/22
MW-12-3	2218698-06	Water	08/08/22
DUP-5-3Q22	2218698-07	Water	08/08/22
MW-12-2	2218698-08	Water	08/08/22
EB-6-080822	2218698-09	Water	08/08/22
SB-2-080822	2218698-10	Water	08/08/22
MW-12-4MS	2218698-05MS	Water	08/08/22
MW-12-4MSD	2218698-05MSD	Water	08/08/22
MW-12-4DUP	2218698-05DUP	Water	08/08/22
MW-12-3MS	2218698-06MS	Water	08/08/22
MW-12-3MSD	2218698-06MSD	Water	08/08/22
MW-12-3DUP	2218698-06DUP	Water	08/08/22

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 (November 2020). 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:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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-4-3	Hexavalent chromium	126 hours	24 hours	J (all detects)	P
MW-4-2	Hexavalent chromium	125 hours	24 hours	J (all detects)	P
MW-12-3	Hexavalent chromium	123 hours	24 hours	J (all detects)	P
DUP-5-3Q22	Hexavalent chromium	123 hours	24 hours	J (all detects)	P
MW-12-2	Hexavalent chromium	122 hours	24 hours	J (all detects)	P
EB-6-080822	Hexavalent chromium	122 hours	24 hours	J (all detects)	P
SB-2-080822	Hexavalent chromium	122 hours	24 hours	R (all non-detects)	P

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.

V. Field Blanks

Sample EB-6-080822 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-6-080822	08/08/22	Hexavalent chromium	0.000028 mg/L	All samples in SDG 2218698

Sample SB-2-080822 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 (>5X blank contaminants) than the concentrations found in the associated field blanks.

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-12-3 and DUP-5-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-12-3	DUP-5-3Q22	
Hexavalent chromium	0.00040	0.00039	3

Analyte	Concentration (ug/L)		RPD
	MW-12-3	DUP-5-3Q22	
Perchlorate	2.6	2.6	0

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 methods.

Due to technical holding time, data were rejected in one sample.

Due to technical holding time, data were qualified as estimated in six samples.

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

NASA JPL, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218698

Sample	Analyte	Flag	A or P	Reason
MW-4-3 MW-4-2 MW-12-3 DUP-5-3Q22 MW-12-2 EB-6-080822	Hexavalent chromium	J (all detects)	P	Technical holding times
SB-2-080822	Hexavalent chromium	R (all non-detects)	P	Technical holding times

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218698

No Sample Data Qualified in this SDG

LDC #: 55053A6**VALIDATION COMPLETENESS WORKSHEET**Date: 12/30/22SDG #: 2218698

Level III

Page: 1 of 2Laboratory: BC Laboratories, Inc., Bakersfield, CAReviewer: NC2nd Reviewer: **METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)**

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	
V	Field blanks	SW	EB = 8 SB = 9
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(5, 6)
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-4-3	2218698-02	Water	08/08/22
2	MW-4-2	2218698-03	Water	08/08/22
3	MW-12-5	2218698-04	Water	08/08/22
4	MW-12-4	2218698-05	Water	08/08/22
5	MW-12-3	2218698-06	Water	08/08/22
6	DUP-5-3Q22	2218698-07	Water	08/08/22
7	MW-12-2	2218698-08	Water	08/08/22
8	EB-6-080822	2218698-09	Water	08/08/22
9	SB-2-080822	2218698-10	Water	08/08/22
10	MW-12-4MS	2218698-05MS	Water	08/08/22
11	MW-12-4MSD	2218698-05MSD	Water	08/08/22
12	MW-12-4DUP	2218698-05DUP	Water	08/08/22
13	MW-12-3MS	2218698-06MS	Water	08/08/22

LDC #: 55053A6

VALIDATION COMPLETENESS WORKSHEET

Date: 12/30/22

SDG #: 2218698

Level III

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: [Signature]

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

	Client ID	Lab ID	Matrix	Date
14	MW-12-3MSD	2218698-06MSD	Water	08/08/22
15	MW-12-3DUP	2218698-06DUP	Water	08/08/22
16				

Notes: _____

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/8/22

Associated Samples:

			Sample Identification										
Analyte	Blank ID	Action Level											
	8												
Cr6+	0.000028	0.00014											

Comments: The action level, when applicable, is established at 5X the highest concentration.

Field Duplicates

METHOD: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	5	6		
Cr6+	0.00040	0.00039	3	

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	5	6		
Perchlorate	2.6	2.6	0	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 17, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218854

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-7-080922	2218854-01	Water	08/09/22
MW-11-4	2218854-02	Water	08/09/22
MW-11-3	2218854-03	Water	08/09/22
MW-11-2	2218854-04	Water	08/09/22
MW-11-1	2218854-05	Water	08/09/22
MW-21-5	2218854-06	Water	08/09/22
MW-21-4	2218854-07	Water	08/09/22
DUP-6-3Q22	2218854-08	Water	08/09/22
MW-21-3	2218854-09	Water	08/09/22
MW-21-2	2218854-10	Water	08/09/22
EB-2-080922	2218854-11	Water	08/09/22
MW-11-3MS	2218854-03MS	Water	08/09/22
MW-11-3MSD	2218854-03MSD	Water	08/09/22
MW-21-3MS	2218854-09MS	Water	08/09/22
MW-21-3MSD	2218854-09MSD	Water	08/09/22

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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2218854	UJ (all non-detects)	P

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
08/12/22	Methyl iodide Pentachloroethane	76.4 58.5	All samples in SDG 2218854	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-7-080922 was identified as a trip blank. No contaminants were found.

Sample EB-2-080922 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-21-4 and DUP-6-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-21-4	DUP-6-3Q22	
Chloroform	4.0	3.7	8
Tetrachloroethene	0.82	0.64	25
Trichloroethene	0.44	0.42	5

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 ICV %D and continuing calibration %D, data were qualified as estimated in eleven samples.

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

NASA JPL, 3Q2022

Volatiles - Data Qualification Summary - SDG 2218854

Sample	Analyte	Flag	A or P	Reason
TB-7-080922 MW-11-4 MW-11-3 MW-11-2 MW-11-1 MW-21-5 MW-21-4 DUP-6-3Q22 MW-21-3 MW-21-2 EB-2-080922	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)
TB-7-080922 MW-11-4 MW-11-3 MW-11-2 MW-11-1 MW-21-5 MW-21-4 DUP-6-3Q22 MW-21-3 MW-21-2 EB-2-080922	Methyl iodide Pentachloroethane	UJ (all non-detects) UJ (all non-detects)	P	Continuing calibration (%D)

NASA JPL, 3Q2022

Volatiles - Laboratory Blank Data Qualification Summary - SDG 2218854

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022

Volatiles - Field Blank Data Qualification Summary - SDG 2218854

No Sample Data Qualified in this SDG

LDC #: 55053B1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 2218854

Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 10/10/22

Page: 1 of 2

Reviewer: [Signature]

2nd Reviewer: [Signature]

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	/	
II.	GC/MS Instrument performance check		
III.	Initial calibration/ICV	A SW	% PSD ≤ 20, 1 ² ICV ≤ 30
IV.	Continuing calibration	SW	CW ≤ 30
V.	Laboratory Blanks	A	
VI.	Field blanks	ND	SB = 2 - 080822 (7218690)
VII.	Surrogate spikes	A	TB = 1 EP = 1
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	ICV
X.	Field duplicates	SW	D = 7.8
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-7-080922 TB	2218854-01	Water	08/09/22
2	MW-11-4	2218854-02	Water	08/09/22
3	MW-11-3	2218854-03	Water	08/09/22
4	MW-11-2	2218854-04	Water	08/09/22
5	MW-11-1	2218854-05	Water	08/09/22
6	MW-21-5	2218854-06	Water	08/09/22
7	MW-21-4 D	2218854-07	Water	08/09/22
8	DUP-6-3Q22 P	2218854-08	Water	08/09/22
9	MW-21-3	2218854-09	Water	08/09/22
10	MW-21-2	2218854-10	Water	08/09/22
11	EB-2-080922 EB	2218854-11	Water	08/09/22
12	MW-11-3MS	2218854-03MS	Water	08/09/22
13	MW-11-3MSD	2218854-03MSD	Water	08/09/22
14	MW-21-3MS	2218854-09MS	Water	08/09/22

LDC #: 55053B1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 2218854

Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 10/10/22

Page: 2 of 2

Reviewer: [Signature]

2nd Reviewer: _____

METHOD: GC/MS Volatiles (EPA Method 524.2)

	Client ID	Lab ID	Matrix	Date
15	2 MW-21-3MSD	2218854-09MSD	Water	08/09/22
16				
17				
18				

Notes:

1	B146534				
2	B146535	8	12		

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

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GC/MS VOA (EPA SW 846 Method 8260 ^{F1}) 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 (<u>ug/L</u>)		RPD (≤ %)	QUAL
	<u>7</u>	<u>8</u>		
<u>K</u>	<u>4.0</u>	<u>3.7</u>	<u>8</u>	/
<u>AA</u>	<u>0.82</u>	<u>0.64</u>	<u>25</u>	
<u>S</u>	<u>0.44</u>	<u>0.42</u>	<u>5</u>	

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218854

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-11-3	2218854-03	Water	08/09/22
MW-11-2	2218854-04	Water	08/09/22
MW-11-1	2218854-05	Water	08/09/22
MW-21-5	2218854-06	Water	08/09/22
MW-21-4	2218854-07	Water	08/09/22
DUP-6-3Q22	2218854-08	Water	08/09/22
MW-21-3	2218854-09	Water	08/09/22
MW-21-2	2218854-10	Water	08/09/22
EB-2-080922	2218854-11	Water	08/09/22
MW-21-3MS	2218854-09MS	Water	08/09/22
MW-21-3MSD	2218854-09MSD	Water	08/09/22
MW-21-3DUP	2218854-09DUP	Water	08/09/22

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 (November 2020). 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 methods. No contaminants were found in the laboratory blanks with the following exceptions:

Blank ID	Analyte	Maximum Concentration	Associated Samples
PB (prep blank)	Chromium	0.538 ug/L	MW-11-3 MW-11-2 MW-11-1 MW-21-5 MW-21-4 MW-21-3 MW-21-2 EB-2-080922
ICB/CCB	Chromium	0.578 ug/L	DUP-6-3Q22

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-21-5	Chromium	2.3 ug/L	2.3U ug/L
MW-21-4	Chromium	1.3 ug/L	1.3U ug/L
DUP-6-3Q22	Chromium	0.63 ug/L	0.63U ug/L

VI. Field Blanks

Sample EB-2-080922 was identified as an equipment blank. No contaminants were found.

II. 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-21-4 and DUP-6-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-21-4	DUP-6-3Q22	
Chromium	1.3	0.63	69

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.

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, 3Q2022
Chromium - Data Qualification Summary - SDG 2218854

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2218854

Sample	Analyte	Modified Final Concentration	A or P
MW-21-5	Chromium	2.3U ug/L	A
MW-21-4	Chromium	1.3U ug/L	A
DUP-6-3Q22	Chromium	0.63U ug/L	A

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2218854

No Sample Data Qualified in this SDG

LDC #: 55053B4a**VALIDATION COMPLETENESS WORKSHEET**Date: 12/30/22SDG #: 2218854

Level III

Page: 1 of 2Laboratory: BC Laboratories, Inc., Bakersfield, CAReviewer: NS2nd Reviewer: [Signature]**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	
V.	Laboratory Blanks	SW	
VI.	Field Blanks	ND	EB = 9
VII.	Matrix Spike/Matrix Spike Duplicates	A	
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	A	
X.	Laboratory control samples	A	LCS
XI.	Field Duplicates	SW	(5, 6)
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-11-3	2218854-03	Water	08/09/22
2	MW-11-2	2218854-04	Water	08/09/22
3	MW-11-1	2218854-05	Water	08/09/22
4	MW-21-5	2218854-06	Water	08/09/22
5	MW-21-4	2218854-07	Water	08/09/22
6	DUP-6-3Q22	2218854-08	Water	08/09/22
7	MW-21-3	2218854-09	Water	08/09/22
8	MW-21-2	2218854-10	Water	08/09/22
9	EB-2-080922	2218854-11	Water	08/09/22
10	MW-21-3MS	2218854-09MS	Water	08/09/22
11	MW-21-3MSD	2218854-09MSD	Water	08/09/22

LDC #: 55053B4a

VALIDATION COMPLETENESS WORKSHEET

Date: 12/30/22

SDG #: 2218854

Level III

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: _____

METHOD: Chromium (EPA Method 200.8)

	Client ID	Lab ID	Matrix	Date
12	MW-21-3DUP	2218854-09DUP	Water	08/09/22
13				

Notes: _____

VALIDATION FINDINGS WORKSHEET
Laboratory Blank Contamination (PB/ICB/CCB)

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
 Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted: ug/L Associated Samples: 1 to 5, 7, 8, 9

				Sample Identification									
Analyte	PB (ug/L)	Maximum ICB/CCB (units)	Action Level	4	5								
Cr	0.538		2.69	2.3U	1.3U								

Sample Concentration, unless otherwise noted: ug/L Associated Samples: 6

				Sample Identification									
Analyte	PB (ug/L)	Maximum ICB/CCB (ug/L)	Action Level	6									
Cr		0.578	2.89	0.63U									

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Duplicates

Method: Metals

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	5	6		
Chromium	1.3	0.63	69	

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2218854

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-11-4	2218854-02	Water	08/09/22
MW-11-3	2218854-03	Water	08/09/22
MW-11-2	2218854-04	Water	08/09/22
MW-11-1	2218854-05	Water	08/09/22
MW-21-5	2218854-06	Water	08/09/22
MW-21-4	2218854-07	Water	08/09/22
DUP-6-3Q22	2218854-08	Water	08/09/22
MW-21-3	2218854-09	Water	08/09/22
MW-21-2	2218854-10	Water	08/09/22
EB-2-080922	2218854-11	Water	08/09/22
MW-11-3MS	2218854-03MS	Water	08/09/22
MW-11-3MSD	2218854-03MSD	Water	08/09/22
MW-11-3DUP	2218854-03DUP	Water	08/09/22
MW-11-1MS	2218854-05MS	Water	08/09/22
MW-11-1MSD	2218854-05MSD	Water	08/09/22
MW-11-1DUP	2218854-05DUP	Water	08/09/22
MW-21-3MS	2218854-09MS	Water	08/09/22
MW-21-3MSD	2218854-09MSD	Water	08/09/22
MW-21-3DUP	2218854-09DUP	Water	08/09/22

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 (November 2020). 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

Perchlorate by EPA Method 314.0

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-21-3	Hexavalent chromium	147 hours	24 hours	J (all detects)	P
MW-11-2	Hexavalent chromium	147 hours	24 hours	J (all detects)	P
MW-21-5	Hexavalent chromium	146 hours	24 hours	J (all detects)	P

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
PB (prep blank)	Hexavalent chromium	0.000093 mg/L	DUP-6-3Q22 MW-21-3 MW-21-2 EB-2-080922
PB (prep blank)	Hexavalent chromium	0.000101 mg/L	MW-11-3 MW-11-2 MW-11-1 MW-21-5 MW-21-4
PB (prep blank)	Chloride Sulfate	0.14 mg/L 0.207 mg/L	MW-11-1
ICB/CCB	Chloride Sulfate	0.165 mg/L 0.209 mg/L	MW-11-1

Blank ID	Analyte	Maximum Concentration	Associated Samples
ICB/CCB	Hexavalent chromium	0.000085 ug/L	MW-11-3 MW-11-2 MW-11-1 MW-21-5
ICB/CCB	Hexavalent chromium	0.000093 ug/L	MW-21-4 DUP-6-3Q22 MW-21-3 MW-21-2 EB-2-080922

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	0.00046 mg/L	0.00046U mg/L
MW-21-2	Hexavalent chromium	0.00020 mg/L	0.00020U mg/L
EB-2-080922	Hexavalent chromium	0.00018 mg/L	0.00018U mg/L
MW-11-3	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L
MW-11-2	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L
MW-11-1	Hexavalent chromium	0.00019 mg/L	0.00019U mg/L

V. Field Blanks

Sample EB-2-080922 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-2-080922	08/09/22	Hexavalent chromium	0.00018 mg/L	MW-11-3 MW-11-2 MW-11-1 MW-21-5 MW-21-4 DUP-6-3Q22 MW-21-3 MW-21-2

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-11-3	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L
MW-11-2	Hexavalent chromium	0.00016 mg/L	0.00016U mg/L
MW-11-1	Hexavalent chromium	0.00019 mg/L	0.00019U mg/L
MW-21-3	Hexavalent chromium	0.00046 mg/L	0.00046U mg/L
MW-21-2	Hexavalent chromium	0.00020 mg/L	0.00020U 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-21-4 and DUP-6-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/L)		RPD
	MW-21-4	DUP-6-3Q22	
Hexavalent chromium	0.0016	0.0017	6

Analyte	Concentration (ug/L)		RPD
	MW-21-4	DUP-6-3Q22	
Perchlorate	3.2	3.6	12

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 methods.

Due to technical holding time, data were estimated in three samples.

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

Due to equipment blank contamination, data were qualified as not detected in five samples.

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

**NASA JPL, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2218854**

Sample	Analyte	Flag	A or P	Reason
MW-21-3 MW-11-2 MW-21-5	Hexavalent chromium	J (all detects)	P	Technical holding times

**NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2218854**

Sample	Analyte	Modified Final Concentration	A or P
MW-21-3	Hexavalent chromium	0.00046U mg/L	A
MW-21-2	Hexavalent chromium	0.00020U mg/L	A
EB-2-080922	Hexavalent chromium	0.00018U mg/L	A
MW-11-3	Hexavalent chromium	0.00016U mg/L	A
MW-11-2	Hexavalent chromium	0.00016U mg/L	A
MW-11-1	Hexavalent chromium	0.00019U mg/L	A

**NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2218854**

Sample	Analyte	Modified Final Concentration	A or P
MW-11-3	Hexavalent chromium	0.00016U mg/L	A
MW-11-2	Hexavalent chromium	0.00016U mg/L	A
MW-11-1	Hexavalent chromium	0.00019U mg/L	A
MW-21-3	Hexavalent chromium	0.00046U mg/L	A
MW-21-2	Hexavalent chromium	0.00020U mg/L	A

LDC #: 55053B6**VALIDATION COMPLETENESS WORKSHEET**Date: 1/3/23SDG #: 2218854

Level III

Page: 1 of 2Laboratory: BC Laboratories, Inc., Bakersfield, CAReviewer: NC2nd Reviewer: [Signature]

METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Nitrite-N (EPA Method 353.2), Hexavalent Chromium (EPA Method 218.6), Orthophosphate-P (EPA Method 365.1), Perchlorate (EPA Method 314.0)

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 = 10
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	SW	(6, 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-11-4	2218854-02	Water	08/09/22
2	MW-11-3	2218854-03	Water	08/09/22
3	MW-11-2	2218854-04	Water	08/09/22
4	MW-11-1	2218854-05	Water	08/09/22
5	MW-21-5	2218854-06	Water	08/09/22
6	MW-21-4	2218854-07	Water	08/09/22
7	DUP-6-3Q22	2218854-08	Water	08/09/22
8	MW-21-3	2218854-09	Water	08/09/22
9	MW-21-2	2218854-10	Water	08/09/22
10	EB-2-080922	2218854-11	Water	08/09/22
11	MW-11-3MS	2218854-03MS	Water	08/09/22
12	MW-11-3MSD	2218854-03MSD	Water	08/09/22
13	MW-11-3DUP	2218854-03DUP	Water	08/09/22

LDC #: 5505386

VALIDATION COMPLETENESS WORKSHEET

Date: 1/3/23

SDG #: 2218854

Level III

Page: 2 of 2

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: [Signature]

METHOD: (Analyte) Chloride, Nitrate-N, Sulfate (EPA Method 300.0), Nitrite-N (EPA Method 353.2), Hexavalent Chromium (EPA Method 218.6), Orthophosphate-P (EPA Method 365.1), Perchlorate (EPA Method 314.0)

	Client ID	Lab ID	Matrix	Date
14	MW-11-1MS	2218854-05MS	Water	08/09/22
15	MW-11-1MSD	2218854-05MSD	Water	08/09/22
16	MW-11-1DUP	2218854-05DUP	Water	08/09/22
17	MW-21-3MS	2218854-09MS	Water	08/09/22
18	MW-21-3MSD	2218854-09MSD	Water	08/09/22
19	MW-21-3DUP	2218854-09DUP	Water	08/09/22
20				
21				
22				

Notes: _____

Holding Time

METHOD: Inorganics

All samples were properly preserved and within the required holding time with the following exceptions:

		Method: 218.6 Analyte: Cr6+ Holding Time: 24 hours			
Sample ID	Sampling Date	Analysis Date	Total Time from Collection to Analysis	Qualifier	Det/ND
8	8/9/2022	8/15/2022	6 days, 3 hours	J/R/P	Det
3	8/9/2022	8/15/2022	6 days, 3 hours	J/R/P	Det
5	8/9/2022	8/15/2022	6 days, 2 hours	J/R/P	Det

Preservation

Sample ID	Preservation	Preservation Requirement (pH)	Qualifier	Det/ND

METHOD: Inorganics
 Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted:mg/L

Associated Samples: 7 to 10

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (units)	Action Level	8	9	10						
Cr6+	0.000093		0.000465	0.00046U	0.00020U	0.00018U						

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 2 to 6

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (units)	Action Level	2	3	4						
Cr6+	0.000101		0.000505	0.00016U	0.00016U	0.00019U						

Sample Concentration, unless otherwise noted:mg/L

Associated Samples: 4

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (mg/L)	Action Level									
Cl	0.14		0.7									
SO4	0.207		1.035									
Cl		0.165	0.825									
SO4		0.209	1.045									

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 2 to 5

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level									
Cr6+		0.000085	0.000000425									

Sample Concentration, unless otherwise noted: mg/L

Associated Samples: 6 to 10

				Sample Identification								
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level									
Cr6+		0.000093	0.000000465									

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/9/22

Associated Samples: ~~None~~ 2-9

			Sample Identification										
Analyte	Blank ID	Action Level	2	3	4	8	9						
	10												
Cr6+	0.00018	0.0009	0.00016	0.00016	0.00019	0.00016	0.00020						

Comments: The action level, when applicable, is established at 5X the highest concentration.

Method: Inorganics

Analyte	Concentration (mg/L)		RPD	Qualifiers (Parents Only)
	6	7		
Cr6+	0.0016	0.0017	6	

Analyte	Concentration (ug/L)		RPD	Qualifiers (Parents Only)
	6	7		
Perchlorate	3.2	3.6	12	

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: NASA JPL, 3Q2022
LDC Report Date: January 4, 2023
Parameters: Chromium
Validation Level: Level III
Laboratory: BC Laboratories, Inc., Bakersfield, CA
Sample Delivery Group (SDG): 2219070

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-15	2219070-01	Water	08/11/22

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 (November 2020). 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 methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

No field blanks were identified in this SDG.

II. 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, 3Q2022
Chromium - Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

LDC #: 55053C4a

VALIDATION COMPLETENESS WORKSHEET

Date: 1/3/23

SDG #: 2219070

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

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	
V.	Laboratory Blanks	A	
VI.	Field Blanks	N	
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-15	2219070-01	Water	08/11/22
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: NASA JPL, 3Q2022
LDC Report Date: January 4, 2023
Parameters: Wet Chemistry
Validation Level: Level III
Laboratory: BC Laboratories, Inc., Bakersfield, CA
Sample Delivery Group (SDG): 2219070

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-15	2219070-01	Water	08/11/22

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 (November 2020). 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 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 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	0.000091 mg/L	MW-15
ICB/CCB	Hexavalent chromium	0.098 ug/L	MW-15

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

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.

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

NASA JPL, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2219070

No Sample Data Qualified in this SDG

LDC #: 55053C6

VALIDATION COMPLETENESS WORKSHEET

Date: 1/3/23

SDG #: 2219070

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

2nd Reviewer: 4

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	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-15	2219070-01	Water	08/11/22
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted:mg/L

Associated Samples: 1

				Sample Identification									
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level										
Cr6+	0.000091		0.000455										
Cr6+		0.098	0.00049										

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: October 17, 2022

Parameters: Volatiles

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2219130

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
TB-8-081022	2219130-01	Water	08/10/22
MW-18-5	2219130-02	Water	08/10/22
DUP-7-3Q22	2219130-03	Water	08/10/22
MW-18-4	2219130-04	Water	08/10/22
MW-18-3	2219130-05	Water	08/10/22
MW-18-2	2219130-06	Water	08/10/22
EB-8-081022	2219130-07	Water	08/10/22
MW-18-2MS	2219130-06MS	Water	08/10/22
MW-18-2MSD	2219130-06MSD	Water	08/10/22

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 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 with the following exceptions:

Date	Analyte	%D	Associated Samples	Flag	A or P
08/05/22	Pentachloroethane	51.1	All samples in SDG 2219130	UJ (all non-detects)	P

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.

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-8-081022 was identified as a trip blank. No contaminants were found.

Sample EB-8-081022 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-18-5 and DUP-7-3Q22 were identified as field duplicates. No results were detected in any of the samples with the following exceptions:

Analyte	Concentration (ug/L)		RPD
	MW-18-5	DUP-7-3Q22	
Styrene	0.15	0.13	14

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 ICV %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, 3Q2022

Volatiles - Data Qualification Summary - SDG 2219130

Sample	Analyte	Flag	A or P	Reason
TB-8-081022 MW-18-5 DUP-7-3Q22 MW-18-4 MW-18-3 MW-18-2 EB-8-081022	Pentachloroethane	UJ (all non-detects)	P	Initial calibration verification (%D)

NASA JPL, 3Q2022

Volatiles - Laboratory Blank Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022

Volatiles - Field Blank Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

LDC #: 55053D1a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 2219130

Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Date: 10/10/22

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

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, SW	% PSD = 20, 1 ✓ ICV = 30
IV.	Continuing calibration	A	CV = 30
V.	Laboratory Blanks	A	
VI.	Field blanks	NP	SB = SB = 2-080822 (2218698)
VII.	Surrogate spikes	A	TB = 1 EB = 7
VIII.	Matrix spike/Matrix spike duplicates	A	
IX.	Laboratory control samples	A	LC
X.	Field duplicates	SW	D = 2, 3
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-8-081022	2219130-01	Water	08/10/22
2	MW-18-5	2219130-02	Water	08/10/22
3	DUP-7-3Q22	2219130-03	Water	08/10/22
4	MW-18-4	2219130-04	Water	08/10/22
5	MW-18-3	2219130-05	Water	08/10/22
6	MW-18-2	2219130-06	Water	08/10/22
7	EB-8-081022	2219130-07	Water	08/10/22
8	MW-18-2MS	2219130-06MS	Water	08/10/22
9	MW-18-2MSD	2219130-06MSD	Water	08/10/22
10				

Notes:

B146739				

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

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: GC/MS VOA (EPA SW 846 Method-8260) 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 (<u>ug/l</u>)		RPD (≤ %)	QUAL
	<u>2</u>	<u>3</u>		
<u>FF</u>	<u>0.15</u>	<u>0.13</u>	<u>14</u>	/

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Compound	Concentration ()		RPD (≤ %)	QUAL

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Chromium

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2219130

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-18-4	2219130-04	Water	08/10/22
MW-18-3	2219130-05	Water	08/10/22
MW-18-2	2219130-06	Water	08/10/22
EB-8-081022	2219130-07	Water	08/10/22
MW-18-2MS	2219130-06MS	Water	08/10/22
MW-18-2MSD	2219130-06MSD	Water	08/10/22
MW-18-2DUP	2219130-06DUP	Water	08/10/22

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 (November 2020). 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 methods. No contaminants were found in the laboratory blanks.

VI. Field Blanks

Sample EB-8-081022 was identified as an equipment blank. No contaminants were found.

II. 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)

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, 3Q2022
Chromium - Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Laboratory Blank Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Chromium - Field Blank Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

LDC #: 55053D4a

VALIDATION COMPLETENESS WORKSHEET

Date: 1/3/23

SDG #: 2219130

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC

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	
V.	Laboratory Blanks	A	
VI.	Field Blanks	ND	EB = 4
VII.	Matrix Spike/Matrix Spike Duplicates	A	
VIII.	Duplicate sample analysis	A	
IX.	Serial Dilution	A	
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-18-4	2219130-04	Water	08/10/22
2	MW-18-3	2219130-05	Water	08/10/22
3	MW-18-2	2219130-06	Water	08/10/22
4	EB-8-081022	2219130-07	Water	08/10/22
5	MW-18-2MS	2219130-06MS	Water	08/10/22
6	MW-18-2MSD	2219130-06MSD	Water	08/10/22
7	MW-18-2DUP	2219130-06DUP	Water	08/10/22
8				
9				
10				
11				

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: NASA JPL, 3Q2022

LDC Report Date: January 4, 2023

Parameters: Wet Chemistry

Validation Level: Level III

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Sample Delivery Group (SDG): 2219130

Sample Identification	Laboratory Sample Identification	Matrix	Collection Date
MW-18-5	2219130-02	Water	08/10/22
DUP-7-3Q22	2219130-03	Water	08/10/22
MW-18-4	2219130-04	Water	08/10/22
MW-18-3	2219130-05	Water	08/10/22
MW-18-2	2219130-06	Water	08/10/22
EB-8-081022	2219130-07	Water	08/10/22
MW-18-2MS	2219130-06MS	Water	08/10/22
MW-18-2MSD	2219130-06MSD	Water	08/10/22
MW-18-2DUP	2219130-06DUP	Water	08/10/22

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 (November 2020). 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:

Hexavalent Chromium by Environmental Protection Agency (EPA) Method 218.6
Perchlorate by EPA Method 314.0

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 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
PB (prep blank)	Hexavalent chromium	0.000091 mg/L	MW-18-4 MW-18-3 MW-18-2 EB-8-081022
ICB/CCB	Hexavalent chromium	0.098 ug/L	MW-18-4 MW-18-3 MW-18-2 EB-8-081022

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-18-2	Hexavalent chromium	0.0002 mg/L	0.0002U mg/L
EB-8-081022	Hexavalent chromium	0.00018 mg/L	0.00018U mg/L

V. Field Blanks

Sample EB-8-081022 was identified as an equipment blank. No contaminants were found with the following exceptions:

Blank ID	Collection Date	Analyte	Concentration	Associated Samples
EB-8-081022	08/10/22	Hexavalent chromium	0.00018 mg/L	MW-18-4 MW-18-3 MW-18-2

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 with the following exceptions:

Sample	Analyte	Reported Concentration	Modified Final Concentration
MW-18-2	Hexavalent chromium	0.00020 mg/L	0.00020U 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-18-5 and DUP-7-3Q22 were identified as field duplicates. No results were detected in any of the samples.

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 methods. No results were rejected in this SDG.

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

Due to equipment 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, 3Q2022
Wet Chemistry - Data Qualification Summary - SDG 2219130

No Sample Data Qualified in this SDG

NASA JPL, 3Q2022
Wet Chemistry - Laboratory Blank Data Qualification Summary - SDG 2219130

Sample	Analyte	Modified Final Concentration	A or P
MW-18-2	Hexavalent chromium	0.0002U mg/L	A
EB-8-081022	Hexavalent chromium	0.00018U mg/L	A

NASA JPL, 3Q2022
Wet Chemistry - Field Blank Data Qualification Summary - SDG 2219130

Sample	Analyte	Modified Final Concentration	A or P
MW-18-2	Hexavalent chromium	0.00020U mg/L	A

LDC #: 55053D6

VALIDATION COMPLETENESS WORKSHEET


Date: 1/3/23

SDG #: 2219130

Level III

Page: 1 of 1

Laboratory: BC Laboratories, Inc., Bakersfield, CA

Reviewer: NC
2nd Reviewer: 

METHOD: (Analyte) Hexavalent Chromium (EPA Method 218.6), Perchlorate (EPA Method 314.0)

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 = 6
VI.	Matrix Spike/Matrix Spike Duplicates	A	
VII.	Duplicate sample analysis	A	
VIII.	Laboratory control samples	A	LCS
IX.	Field duplicates	ND	(1, 2)
X.	Target Analyte Quantitation	N	
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-18-5	2219130-02	Water	08/10/22
2	DUP-7-3Q22	2219130-03	Water	08/10/22
3	MW-18-4	2219130-04	Water	08/10/22
4	MW-18-3	2219130-05	Water	08/10/22
5	MW-18-2	2219130-06	Water	08/10/22
6	EB-8-081022	2219130-07	Water	08/10/22
7	MW-18-2MS	2219130-06MS	Water	08/10/22
8	MW-18-2MSD	2219130-06MSD	Water	08/10/22
9	MW-18-2DUP	2219130-06DUP	Water	08/10/22
10				
11				
12				
13				
14				

METHOD: Inorganics

Soil preparation factor applied (if applicable):

Sample Concentration, unless otherwise noted:mg/L

Associated Samples: 3 to 6

				Sample Identification									
Analyte	PB (mg/L)	Maximum ICB/CCB (ug/L)	Action Level	5	6								
Cr6+	0.000091		0.000455										
Cr6+		0.098	0.00049	0.0002U	0.00018U								

Comments: The listed analyte concentration is the highest ICB or CCB detected in the analysis. The action level, when applicable, is established at 5X the highest ICB, CCB, or PB concentration.

Field Blanks

METHOD: Inorganics

Blank units: mg/L

Associated sample units: mg/L

Sampling Date: 8/10/22

Associated Samples: None *3-5*

			Sample Identification											
Analyte	Blank ID	Action Level		<i>5</i>										
	6													
Cr6+	0.00018	0.0009		<i>0.00020</i>										

Comments: The action level, when applicable, is established at 5X the highest concentration.

NASA JPL, 3Q2022 - LDC55053

SDG: 2218698

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-5-3Q22	2218698-07	Total Recoverable Chromium	8/15/2022	3	Y	n	u		3.0	0.50	ug/L
EB-6-080822	2218698-09	Total Recoverable Chromium	8/15/2022	3	Y	n	u		3.0	0.50	ug/L
MW-12-2	2218698-08	Total Recoverable Chromium	8/15/2022	1.4	Y	y	v j		3.0	0.50	ug/L
MW-12-3	2218698-06	Total Recoverable Chromium	8/15/2022	3	Y	n	u		3.0	0.50	ug/L
MW-4-2	2218698-03	Total Recoverable Chromium	8/15/2022	0.5	Y	y	v j		3.0	0.50	ug/L
MW-4-3	2218698-02	Total Recoverable Chromium	8/15/2022	0.77	Y	y	v j		3.0	0.50	ug/L
SB-2-080822	2218698-10	Total Recoverable Chromium	8/15/2022	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-5-3Q22	2218698-07	Hexavalent Chromium	8/13/2022	0.00039	Y	y	v	J	0.0002	0.0000	mg/L
EB-6-080822	2218698-09	Hexavalent Chromium	8/13/2022	0.000028	Y	y	v j	J	0.0002	0.0000	mg/L
MW-12-2	2218698-08	Hexavalent Chromium	8/13/2022	0.00021	Y	y	v	J	0.0002	0.0000	mg/L
MW-12-3	2218698-06	Hexavalent Chromium	8/13/2022	0.0004	Y	y	v	J	0.0002	0.0000	mg/L
MW-4-2	2218698-03	Hexavalent Chromium	8/13/2022	0.00022	Y	y	v	J	0.0002	0.0000	mg/L
MW-4-3	2218698-02	Hexavalent Chromium	8/13/2022	0.000041	Y	y	v j	J	0.0002	0.0000	mg/L
SB-2-080822	2218698-10	Hexavalent Chromium	8/13/2022	0.0002	Y	n	u	R	0.0002	0.0000	mg/L

Analytical Method											
EPA-314.0											
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-5-3Q22	2218698-07	Perchlorate	8/22/2022	2.6	Y	y	v		2.0	0.81	ug/L
EB-6-080822	2218698-09	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-12-2	2218698-08	Perchlorate	8/22/2022	0.87	Y	y	v j		2.0	0.81	ug/L
MW-12-3	2218698-06	Perchlorate	8/22/2022	2.6	Y	y	v		2.0	0.81	ug/L
MW-12-4	2218698-05	Perchlorate	8/22/2022	2.3	Y	y	v		2.0	0.81	ug/L

SDG: 2218698

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-12-5	2218698-04	Perchlorate	8/22/2022	1.1	Y	y	v j		2.0	0.81	ug/L
MW-4-2	2218698-03	Perchlorate	8/23/2022	46	Y	y	v		10	4.0	ug/L
MW-4-3	2218698-02	Perchlorate	8/22/2022	1.4	Y	y	v j		2.0	0.81	ug/L
SB-2-080822	2218698-10	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/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-5-3Q22	2218698-07	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-3Q22	2218698-07	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-5-3Q22	2218698-07	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-5-3Q22	2218698-07	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-5-3Q22	2218698-07	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-5-3Q22	2218698-07	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-3Q22	2218698-07	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-3Q22	2218698-07	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-5-3Q22	2218698-07	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-5-3Q22	2218698-07	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-5-3Q22	2218698-07	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218698

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-5-3Q22	2218698-07	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-5-3Q22	2218698-07	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-3Q22	2218698-07	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-3Q22	2218698-07	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-3Q22	2218698-07	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-3Q22	2218698-07	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-3Q22	2218698-07	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-3Q22	2218698-07	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.2	Y	y	v s				ug/L
DUP-5-3Q22	2218698-07	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-5-3Q22	2218698-07	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-5-3Q22	2218698-07	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-5-3Q22	2218698-07	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-5-3Q22	2218698-07	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-5-3Q22	2218698-07	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
DUP-5-3Q22	2218698-07	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
DUP-5-3Q22	2218698-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-3Q22	2218698-07	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-3Q22	2218698-07	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2218698

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-5-3Q22	2218698-07	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
DUP-5-3Q22	2218698-07	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.7	Y	y	v s				ug/L
DUP-5-3Q22	2218698-07	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
DUP-5-3Q22	2218698-07	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-5-3Q22	2218698-07	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-5-3Q22	2218698-07	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-3Q22	2218698-07	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-5-3Q22	2218698-07	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-3Q22	2218698-07	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-5-3Q22	2218698-07	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	Carbon tetrachloride	8/11/2022	0.93	Y	y	v		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-3Q22	2218698-07	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
DUP-5-3Q22	2218698-07	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-5-3Q22	2218698-07	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
DUP-5-3Q22	2218698-07	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-5-3Q22	2218698-07	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-5-3Q22	2218698-07	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-5-3Q22	2218698-07	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2218698

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-5-3Q22	2218698-07	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-5-3Q22	2218698-07	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-5-3Q22	2218698-07	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-5-3Q22	2218698-07	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
DUP-5-3Q22	2218698-07	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-5-3Q22	2218698-07	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-5-3Q22	2218698-07	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-5-3Q22	2218698-07	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-5-3Q22	2218698-07	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-5-3Q22	2218698-07	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-5-3Q22	2218698-07	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-5-3Q22	2218698-07	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-5-3Q22	2218698-07	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	Chloroform	8/11/2022	0.67	Y	y	v		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-5-3Q22	2218698-07	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-5-3Q22	2218698-07	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-5-3Q22	2218698-07	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-5-3Q22	2218698-07	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-5-3Q22	2218698-07	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-6-080822	2218698-09	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-6-080822	2218698-09	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L

SDG: 2218698

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-6-080822	2218698-09	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-6-080822	2218698-09	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-6-080822	2218698-09	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-080822	2218698-09	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-6-080822	2218698-09	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-6-080822	2218698-09	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-080822	2218698-09	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-080822	2218698-09	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-6-080822	2218698-09	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-080822	2218698-09	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-6-080822	2218698-09	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-6-080822	2218698-09	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-080822	2218698-09	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-6-080822	2218698-09	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	Chloroform	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2218698

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-6-080822	2218698-09	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-6-080822	2218698-09	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-6-080822	2218698-09	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-080822	2218698-09	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-080822	2218698-09	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
EB-6-080822	2218698-09	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-080822	2218698-09	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-080822	2218698-09	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-080822	2218698-09	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-080822	2218698-09	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-080822	2218698-09	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-6-080822	2218698-09	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-6-080822	2218698-09	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-6-080822	2218698-09	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-6-080822	2218698-09	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-6-080822	2218698-09	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-080822	2218698-09	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-6-080822	2218698-09	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-080822	2218698-09	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-6-080822	2218698-09	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-080822	2218698-09	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-6-080822	2218698-09	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-6-080822	2218698-09	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
EB-6-080822	2218698-09	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
EB-6-080822	2218698-09	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
EB-6-080822	2218698-09	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-6-080822	2218698-09	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
EB-6-080822	2218698-09	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-6-080822	2218698-09	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
EB-6-080822	2218698-09	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
EB-6-080822	2218698-09	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
EB-6-080822	2218698-09	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-6-080822	2218698-09	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-6-080822	2218698-09	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
EB-6-080822	2218698-09	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
EB-6-080822	2218698-09	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
EB-6-080822	2218698-09	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
EB-6-080822	2218698-09	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.5	Y	y	v s				ug/L
EB-6-080822	2218698-09	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-6-080822	2218698-09	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
EB-6-080822	2218698-09	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
EB-6-080822	2218698-09	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L

SDG: 2218698

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-6-080822	2218698-09	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
EB-6-080822	2218698-09	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-6-080822	2218698-09	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
EB-6-080822	2218698-09	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
EB-6-080822	2218698-09	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-6-080822	2218698-09	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-6-080822	2218698-09	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
EB-6-080822	2218698-09	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
EB-6-080822	2218698-09	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-6-080822	2218698-09	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
EB-6-080822	2218698-09	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.7	Y	y	v s				ug/L
EB-6-080822	2218698-09	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-2	2218698-08	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-2	2218698-08	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-2	2218698-08	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-2	2218698-08	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-12-2	2218698-08	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-2	2218698-08	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-12-2	2218698-08	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
MW-12-2	2218698-08	Chloroform	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218698

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-12-2	2218698-08	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.7	Y	y	v s				ug/L
MW-12-2	2218698-08	Toluene-d8 (Surrogate)	8/11/2022	9.8	Y	y	v s				ug/L
MW-12-2	2218698-08	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.4	Y	y	v s				ug/L
MW-12-2	2218698-08	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-2	2218698-08	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-12-2	2218698-08	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
MW-12-2	2218698-08	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-2	2218698-08	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-2	2218698-08	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
MW-12-2	2218698-08	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-2	2218698-08	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-2	2218698-08	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-2	2218698-08	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218698

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-12-2	2218698-08	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-2	2218698-08	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-2	2218698-08	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-2	2218698-08	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-2	2218698-08	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-2	2218698-08	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-2	2218698-08	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-2	2218698-08	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-2	2218698-08	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-2	2218698-08	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-2	2218698-08	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-12-2	2218698-08	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-2	2218698-08	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-2	2218698-08	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-2	2218698-08	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-2	2218698-08	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-2	2218698-08	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2218698

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-12-2	2218698-08	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-2	2218698-08	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-2	2218698-08	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-2	2218698-08	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-2	2218698-08	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-12-2	2218698-08	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-12-2	2218698-08	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-2	2218698-08	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-12-2	2218698-08	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-12-2	2218698-08	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
MW-12-2	2218698-08	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
MW-12-2	2218698-08	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-2	2218698-08	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-12-2	2218698-08	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-12-2	2218698-08	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-12-2	2218698-08	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-12-2	2218698-08	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-12-2	2218698-08	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-12-2	2218698-08	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-12-2	2218698-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-2	2218698-08	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-12-2	2218698-08	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-2	2218698-08	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-2	2218698-08	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
MW-12-2	2218698-08	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-12-2	2218698-08	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-12-2	2218698-08	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-3	2218698-06	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-3	2218698-06	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-3	2218698-06	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-3	2218698-06	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-3	2218698-06	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-3	2218698-06	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-3	2218698-06	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-3	2218698-06	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-3	2218698-06	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-3	2218698-06	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-3	2218698-06	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-3	2218698-06	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-3	2218698-06	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218698

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-12-3	2218698-06	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-3	2218698-06	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-3	2218698-06	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-3	2218698-06	Carbon tetrachloride	8/11/2022	0.77	Y	y	v		0.50	0.17	ug/L
MW-12-3	2218698-06	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	Chloroform	8/11/2022	0.55	Y	y	v		0.50	0.14	ug/L
MW-12-3	2218698-06	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-3	2218698-06	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-3	2218698-06	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-3	2218698-06	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-3	2218698-06	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-3	2218698-06	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-3	2218698-06	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-12-3	2218698-06	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-3	2218698-06	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-3	2218698-06	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-3	2218698-06	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-3	2218698-06	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218698

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-12-3	2218698-06	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-12-3	2218698-06	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-12-3	2218698-06	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
MW-12-3	2218698-06	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-12-3	2218698-06	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-12-3	2218698-06	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-3	2218698-06	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.5	Y	y	v s				ug/L
MW-12-3	2218698-06	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
MW-12-3	2218698-06	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-12-3	2218698-06	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
MW-12-3	2218698-06	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
MW-12-3	2218698-06	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-12-3	2218698-06	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-3	2218698-06	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-3	2218698-06	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-3	2218698-06	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.6	Y	y	v s				ug/L
MW-12-3	2218698-06	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-12-3	2218698-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-3	2218698-06	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-3	2218698-06	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-12-3	2218698-06	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-3	2218698-06	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
MW-12-3	2218698-06	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-12-3	2218698-06	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-12-3	2218698-06	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-3	2218698-06	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-12-3	2218698-06	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-12-3	2218698-06	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-12-3	2218698-06	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-12-3	2218698-06	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-12-3	2218698-06	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-3	2218698-06	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
MW-12-3	2218698-06	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
MW-12-3	2218698-06	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-12-3	2218698-06	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-12-3	2218698-06	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-3	2218698-06	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-12-4	2218698-05	p-Isopropyltoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	1,1,1-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-4	2218698-05	2,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-4	2218698-05	1,1-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-4	2218698-05	cis-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	trans-1,3-Dichloropropene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-4	2218698-05	Ethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	Isopropylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-12-4	2218698-05	Hexachlorobutadiene	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-4	2218698-05	Methylene chloride	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-4	2218698-05	Methyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	Naphthalene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-4	2218698-05	n-Propylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-4	2218698-05	Styrene	8/10/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-4	2218698-05	1,1,1,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-4	2218698-05	1,1,2,2-Tetrachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	Tetrachloroethene	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-4	2218698-05	Toluene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	1,3-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-4	2218698-05	1,2,4-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	Dibromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-4	2218698-05	1,1,2-Trichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-4	2218698-05	1,2,3-Trichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-4	2218698-05	Carbon tetrachloride	8/10/2022	0.43	Y	y	v j		0.50	0.17	ug/L
MW-12-4	2218698-05	Benzene	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-4	2218698-05	Bromobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	Bromochloromethane	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-4	2218698-05	Bromodichloromethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-4	2218698-05	Bromoform	8/10/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-12-4	2218698-05	Bromomethane	8/10/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-4	2218698-05	n-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	tert-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-4	2218698-05	Chlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-12-4	2218698-05	Chloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	Chloroform	8/10/2022	0.42	Y	y	v j		0.50	0.14	ug/L
MW-12-4	2218698-05	Chloromethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-4	2218698-05	1,2-Dibromoethane	8/10/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-4	2218698-05	4-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-12-4	2218698-05	1,2-Dichloropropane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	1,2-Dibromo-3-chloropropane	8/10/2022	1	Y	n	u		1.0	0.89	ug/L
MW-12-4	2218698-05	Trichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-4	2218698-05	Dibromomethane	8/10/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-4	2218698-05	1,2-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-4	2218698-05	1,3-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-4	2218698-05	1,4-Dichlorobenzene	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	Dichlorodifluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	1,1-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-4	2218698-05	1,2-Dichloroethane	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	1,1-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-4	2218698-05	cis-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-4	2218698-05	trans-1,2-Dichloroethene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	2-Chlorotoluene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	Toluene-d8 (Surrogate)	8/10/2022	9.8	Y	y	v s				ug/L
MW-12-4	2218698-05	Methyl iodide	8/10/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-12-4	2218698-05	Methyl isobutyl ketone	8/10/2022	5	Y	n	u		5.0	2.4	ug/L
MW-12-4	2218698-05	Methyl methacrylate	8/10/2022	5	Y	n	u		5.0	1.2	ug/L
MW-12-4	2218698-05	Pentachloroethane	8/10/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-12-4	2218698-05	Propionitrile	8/10/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2218698

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-12-4	2218698-05	Tetrahydrofuran	8/10/2022	20	Y	n	u		20	5.2	ug/L
MW-12-4	2218698-05	p- & m-Xylenes	8/10/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-12-4	2218698-05	Methacrylonitrile	8/10/2022	10	Y	n	u		10	2.3	ug/L
MW-12-4	2218698-05	1,2-Dichloroethane-d4 (Surrogate)	8/10/2022	9.8	Y	y	v s				ug/L
MW-12-4	2218698-05	2-Hexanone	8/10/2022	10	Y	n	u		10	5.0	ug/L
MW-12-4	2218698-05	4-Bromofluorobenzene (Surrogate)	8/10/2022	9.5	Y	y	v s				ug/L
MW-12-4	2218698-05	2-Nitropropane	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	1,1-Dichloropropanone	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	Nitrobenzene	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	Trichlorofluoromethane	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	Chloroacetonitrile	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	1-Chlorobutane	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	Methyl acrylate	8/10/2022	0	Y	y	v				ug/L
MW-12-4	2218698-05	o-Xylene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-4	2218698-05	Carbon disulfide	8/10/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-12-4	2218698-05	1,2,3-Trichloropropane	8/10/2022	1	Y	n	u		1.0	0.78	ug/L
MW-12-4	2218698-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-4	2218698-05	1,2,4-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-4	2218698-05	1,3,5-Trimethylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-4	2218698-05	Vinyl chloride	8/10/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-4	2218698-05	Acetone	8/10/2022	10	Y	n	u		10	6.6	ug/L
MW-12-4	2218698-05	Acrylonitrile	8/10/2022	5	Y	n	u		5.0	1.5	ug/L
MW-12-4	2218698-05	Allyl chloride	8/10/2022	5	Y	n	u		5.0	0.47	ug/L
MW-12-4	2218698-05	Methyl ethyl ketone	8/10/2022	5	Y	n	u		5.0	3.3	ug/L
MW-12-4	2218698-05	t-Butyl alcohol	8/10/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2218698

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-12-4	2218698-05	trans-1,4-Dichloro-2-butene	8/10/2022	5	Y	n	u		5.0	1.8	ug/L
MW-12-4	2218698-05	Diethyl ether	8/10/2022	2	Y	n	u		2.0	0.33	ug/L
MW-12-4	2218698-05	sec-Butylbenzene	8/10/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-4	2218698-05	Ethyl methacrylate	8/10/2022	4	Y	n	u		4.0	1.3	ug/L
MW-12-4	2218698-05	Ethyl t-butyl ether	8/10/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-12-4	2218698-05	Hexachloroethane	8/10/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-4	2218698-05	t-Amyl Methyl ether	8/10/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-12-5	2218698-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-5	2218698-04	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-12-5	2218698-04	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.5	Y	y	v s				ug/L
MW-12-5	2218698-04	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
MW-12-5	2218698-04	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
MW-12-5	2218698-04	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
MW-12-5	2218698-04	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-12-5	2218698-04	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
MW-12-5	2218698-04	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2218698

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-12-5	2218698-04	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-12-5	2218698-04	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-12-5	2218698-04	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
MW-12-5	2218698-04	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-12-5	2218698-04	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-12-5	2218698-04	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
MW-12-5	2218698-04	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
MW-12-5	2218698-04	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-5	2218698-04	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-12-5	2218698-04	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-12-5	2218698-04	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-12-5	2218698-04	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-12-5	2218698-04	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-12-5	2218698-04	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-12-5	2218698-04	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-12-5	2218698-04	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-12-5	2218698-04	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-5	2218698-04	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-5	2218698-04	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218698

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-12-5	2218698-04	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-5	2218698-04	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-5	2218698-04	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-5	2218698-04	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-5	2218698-04	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-12-5	2218698-04	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-12-5	2218698-04	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-5	2218698-04	Chloroform	8/11/2022	0.25	Y	y	v j		0.50	0.14	ug/L
MW-12-5	2218698-04	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	Carbon tetrachloride	8/11/2022	0.33	Y	y	v j		0.50	0.17	ug/L
MW-12-5	2218698-04	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-5	2218698-04	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-5	2218698-04	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-5	2218698-04	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-12-5	2218698-04	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-5	2218698-04	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-12-5	2218698-04	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-12-5	2218698-04	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-5	2218698-04	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218698

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-12-5	2218698-04	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-12-5	2218698-04	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-12-5	2218698-04	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-12-5	2218698-04	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-5	2218698-04	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-5	2218698-04	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-5	2218698-04	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-12-5	2218698-04	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-12-5	2218698-04	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-12-5	2218698-04	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-12-5	2218698-04	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-12-5	2218698-04	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-12-5	2218698-04	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-12-5	2218698-04	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-12-5	2218698-04	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-12-5	2218698-04	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-4-2	2218698-03	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-4-2	2218698-03	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L

SDG: 2218698

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	2218698-03	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2218698-03	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-2	2218698-03	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.7	Y	y	v s				ug/L
MW-4-2	2218698-03	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
MW-4-2	2218698-03	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.8	Y	y	v s				ug/L
MW-4-2	2218698-03	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-2	2218698-03	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-2	2218698-03	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-2	2218698-03	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-2	2218698-03	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-4-2	2218698-03	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-2	2218698-03	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218698

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	2218698-03	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-2	2218698-03	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-4-2	2218698-03	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-2	2218698-03	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2218698-03	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-2	2218698-03	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	Chloroform	8/11/2022	0.9	Y	y	v		0.50	0.14	ug/L
MW-4-2	2218698-03	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-2	2218698-03	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-4-2	2218698-03	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-2	2218698-03	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-4-2	2218698-03	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2218698-03	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
MW-4-2	2218698-03	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
MW-4-2	2218698-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2218698-03	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-2	2218698-03	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-4-2	2218698-03	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
MW-4-2	2218698-03	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-4-2	2218698-03	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218698

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	2218698-03	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2218698-03	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-4-2	2218698-03	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-4-2	2218698-03	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-4-2	2218698-03	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-4-2	2218698-03	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-4-2	2218698-03	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-2	2218698-03	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
MW-4-2	2218698-03	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
MW-4-2	2218698-03	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-4-2	2218698-03	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-2	2218698-03	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-4-2	2218698-03	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2218698-03	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2218698-03	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-2	2218698-03	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-2	2218698-03	Trichloroethene	8/11/2022	0.36	Y	y	v j		0.50	0.19	ug/L
MW-4-2	2218698-03	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-2	2218698-03	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2218698

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	2218698-03	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-2	2218698-03	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-2	2218698-03	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-2	2218698-03	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2218698-03	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-2	2218698-03	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
MW-4-2	2218698-03	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-2	2218698-03	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
MW-4-2	2218698-03	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-4-3	2218698-02	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2218698-02	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2218698-02	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-3	2218698-02	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2218698-02	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2218698-02	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L

SDG: 2218698

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	2218698-02	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2218698-02	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-3	2218698-02	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-3	2218698-02	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2218698-02	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-3	2218698-02	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2218698-02	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2218698-02	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2218698-02	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-4-3	2218698-02	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-4-3	2218698-02	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-3	2218698-02	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-4-3	2218698-02	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-4-3	2218698-02	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-3	2218698-02	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
MW-4-3	2218698-02	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-4-3	2218698-02	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
MW-4-3	2218698-02	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2218698

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	2218698-02	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-4-3	2218698-02	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2218698-02	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.5	Y	y	v s				ug/L
MW-4-3	2218698-02	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
MW-4-3	2218698-02	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
MW-4-3	2218698-02	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-3	2218698-02	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
MW-4-3	2218698-02	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
MW-4-3	2218698-02	Toluene-d8 (Surrogate)	8/11/2022	10	Y	y	v s				ug/L
MW-4-3	2218698-02	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-4-3	2218698-02	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2218698-02	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2218698-02	Chloroform	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-4-3	2218698-02	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-3	2218698-02	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-4-3	2218698-02	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2218698

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	2218698-02	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-4-3	2218698-02	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-4-3	2218698-02	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-4-3	2218698-02	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-4-3	2218698-02	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-4-3	2218698-02	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-4-3	2218698-02	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
MW-4-3	2218698-02	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
MW-4-3	2218698-02	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-4-3	2218698-02	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
MW-4-3	2218698-02	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
MW-4-3	2218698-02	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
MW-4-3	2218698-02	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-4-3	2218698-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2218698-02	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-4-3	2218698-02	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
MW-4-3	2218698-02	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
MW-4-3	2218698-02	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
MW-4-3	2218698-02	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-4-3	2218698-02	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-4-3	2218698-02	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-4-3	2218698-02	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L

SDG: 2218698

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	2218698-02	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
MW-4-3	2218698-02	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
SB-2-080822	2218698-10	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-080822	2218698-10	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-080822	2218698-10	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-080822	2218698-10	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-080822	2218698-10	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-080822	2218698-10	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.6	Y	y	v s				ug/L
SB-2-080822	2218698-10	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-080822	2218698-10	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-2-080822	2218698-10	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-2-080822	2218698-10	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218698

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-2-080822	2218698-10	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-080822	2218698-10	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
SB-2-080822	2218698-10	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
SB-2-080822	2218698-10	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-080822	2218698-10	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-080822	2218698-10	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
SB-2-080822	2218698-10	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-2-080822	2218698-10	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
SB-2-080822	2218698-10	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-080822	2218698-10	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-2-080822	2218698-10	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
SB-2-080822	2218698-10	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-2-080822	2218698-10	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-080822	2218698-10	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-080822	2218698-10	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
SB-2-080822	2218698-10	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L

SDG: 2218698

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-2-080822	2218698-10	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
SB-2-080822	2218698-10	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
SB-2-080822	2218698-10	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
SB-2-080822	2218698-10	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
SB-2-080822	2218698-10	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
SB-2-080822	2218698-10	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-2-080822	2218698-10	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-2-080822	2218698-10	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
SB-2-080822	2218698-10	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
SB-2-080822	2218698-10	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
SB-2-080822	2218698-10	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
SB-2-080822	2218698-10	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
SB-2-080822	2218698-10	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
SB-2-080822	2218698-10	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
SB-2-080822	2218698-10	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
SB-2-080822	2218698-10	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
SB-2-080822	2218698-10	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
SB-2-080822	2218698-10	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-080822	2218698-10	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
SB-2-080822	2218698-10	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
SB-2-080822	2218698-10	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
SB-2-080822	2218698-10	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
SB-2-080822	2218698-10	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218698

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-2-080822	2218698-10	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L
SB-2-080822	2218698-10	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
SB-2-080822	2218698-10	Chloroform	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
SB-2-080822	2218698-10	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
SB-2-080822	2218698-10	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
SB-2-080822	2218698-10	Toluene-d8 (Surrogate)	8/11/2022	9.9	Y	y	v s				ug/L
SB-2-080822	2218698-10	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
SB-2-080822	2218698-10	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-2-080822	2218698-10	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
SB-2-080822	2218698-10	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.3	Y	y	v s				ug/L
SB-2-080822	2218698-10	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
SB-2-080822	2218698-10	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
SB-2-080822	2218698-10	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
SB-2-080822	2218698-10	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
SB-2-080822	2218698-10	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
SB-2-080822	2218698-10	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-080822	2218698-01	Chloroform	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Benzene	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-6-080822	2218698-01	Chloromethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-6-080822	2218698-01	sec-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-080822	2218698-01	Chloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	Chlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Carbon tetrachloride	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	tert-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218698

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-6-080822	2218698-01	n-Butylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	Bromomethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-6-080822	2218698-01	Bromoform	8/11/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-6-080822	2218698-01	Bromodichloromethane	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-6-080822	2218698-01	Bromobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	o-Xylene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-080822	2218698-01	2-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Bromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-6-080822	2218698-01	Acrylonitrile	8/11/2022	5	Y	n	u		5.0	1.5	ug/L
TB-6-080822	2218698-01	Ethyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-6-080822	2218698-01	Ethyl methacrylate	8/11/2022	4	Y	n	u		4.0	1.3	ug/L
TB-6-080822	2218698-01	Diethyl ether	8/11/2022	2	Y	n	u		2.0	0.33	ug/L
TB-6-080822	2218698-01	trans-1,4-Dichloro-2-butene	8/11/2022	5	Y	n	u		5.0	1.8	ug/L
TB-6-080822	2218698-01	Carbon disulfide	8/11/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-6-080822	2218698-01	t-Butyl alcohol	8/11/2022	2	Y	n	u		2.0	2.0	ug/L
TB-6-080822	2218698-01	Trichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-080822	2218698-01	Allyl chloride	8/11/2022	5	Y	n	u		5.0	0.47	ug/L
TB-6-080822	2218698-01	Methacrylonitrile	8/11/2022	10	Y	n	u		10	2.3	ug/L
TB-6-080822	2218698-01	Acetone	8/11/2022	10	Y	n	u		10	6.6	ug/L
TB-6-080822	2218698-01	Vinyl chloride	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-6-080822	2218698-01	1,3,5-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	1,2,4-Trimethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-080822	2218698-01	1,2,3-Trichloropropane	8/11/2022	1	Y	n	u		1.0	0.78	ug/L
TB-6-080822	2218698-01	Tetrahydrofuran	8/11/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2218698

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-6-080822	2218698-01	t-Amyl Methyl ether	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-080822	2218698-01	p- & m-Xylenes	8/11/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-6-080822	2218698-01	Methyl acrylate	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	Chloroacetonitrile	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	2-Nitropropane	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	1-Chlorobutane	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	1,1-Dichloropropanone	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	Nitrobenzene	8/11/2022	0	Y	y	v				ug/L
TB-6-080822	2218698-01	4-Bromofluorobenzene (Surrogate)	8/11/2022	9.7	Y	y	v s				ug/L
TB-6-080822	2218698-01	Hexachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-6-080822	2218698-01	1,2-Dichloroethane-d4 (Surrogate)	8/11/2022	9.6	Y	y	v s				ug/L
TB-6-080822	2218698-01	2-Hexanone	8/11/2022	10	Y	n	u		10	5.0	ug/L
TB-6-080822	2218698-01	Propionitrile	8/11/2022	20	Y	n	u		20	6.2	ug/L
TB-6-080822	2218698-01	Pentachloroethane	8/11/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-6-080822	2218698-01	Methyl methacrylate	8/11/2022	5	Y	n	u		5.0	1.2	ug/L
TB-6-080822	2218698-01	Methyl isobutyl ketone	8/11/2022	5	Y	n	u		5.0	2.4	ug/L
TB-6-080822	2218698-01	Methyl iodide	8/11/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-6-080822	2218698-01	Methyl ethyl ketone	8/11/2022	5	Y	n	u		5.0	3.3	ug/L
TB-6-080822	2218698-01	1,1,2-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-080822	2218698-01	Toluene-d8 (Surrogate)	8/11/2022	10	Y	y	v s				ug/L
TB-6-080822	2218698-01	Dichlorodifluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	2,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-6-080822	2218698-01	1,3-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-080822	2218698-01	1,2-Dichloropropane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	trans-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218698

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-6-080822	2218698-01	cis-1,2-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-6-080822	2218698-01	1,1-Dichloroethene	8/11/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-6-080822	2218698-01	Trichlorofluoromethane	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	1,1-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	trans-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-6-080822	2218698-01	1,4-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	1,3-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-6-080822	2218698-01	1,2-Dichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-080822	2218698-01	Dibromomethane	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-6-080822	2218698-01	1,2-Dibromoethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-6-080822	2218698-01	1,2-Dibromo-3-chloropropane	8/11/2022	1	Y	n	u		1.0	0.89	ug/L
TB-6-080822	2218698-01	Dibromochloromethane	8/11/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-6-080822	2218698-01	1,2-Dichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	Naphthalene	8/11/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-6-080822	2218698-01	1,1,1-Trichloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-080822	2218698-01	1,2,4-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	1,2,3-Trichlorobenzene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-080822	2218698-01	Toluene	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	Tetrachloroethene	8/11/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-6-080822	2218698-01	1,1,2,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-6-080822	2218698-01	1,1,1,2-Tetrachloroethane	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-080822	2218698-01	1,1-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-6-080822	2218698-01	n-Propylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-6-080822	2218698-01	cis-1,3-Dichloropropene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Methyl t-butyl ether	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218698

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-6-080822	2218698-01	Methylene chloride	8/11/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-6-080822	2218698-01	p-Isopropyltoluene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Isopropylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-6-080822	2218698-01	Hexachlorobutadiene	8/11/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-6-080822	2218698-01	Ethylbenzene	8/11/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-6-080822	2218698-01	4-Chlorotoluene	8/11/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-6-080822	2218698-01	Styrene	8/11/2022	0.5	Y	n	u		0.50	0.12	ug/L

NASA JPL, Q32022 - LDC 55053

SDG: 2218854

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-6	2218854-08	Total Recoverable Chromium	8/18/2022	0.63	Y	y	v j	U	3.0	0.50	ug/L
EB-2	2218854-11	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-1	2218854-05	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-2	2218854-04	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-11-3	2218854-03	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-2	2218854-10	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-3	2218854-09	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L
MW-21-4	2218854-07	Total Recoverable Chromium	8/22/2022	1.3	Y	y	v j	U	3.0	0.50	ug/L
MW-21-5	2218854-06	Total Recoverable Chromium	8/22/2022	2.3	Y	y	v j	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-6	2218854-08	Hexavalent Chromium	8/15/2022	0.0017	Y	y	v		0.0002	0.0000	mg/L
EB-2	2218854-11	Hexavalent Chromium	8/15/2022	0.00018	Y	y	v j	U	0.0002	0.0000	mg/L
MW-11-1	2218854-05	Hexavalent Chromium	8/15/2022	0.00019	Y	y	v j	U	0.0002	0.0000	mg/L
MW-11-2	2218854-04	Hexavalent Chromium	8/15/2022	0.00016	Y	y	v j	UJ	0.0002	0.0000	mg/L
MW-11-3	2218854-03	Hexavalent Chromium	8/15/2022	0.00016	Y	y	v j	U	0.0002	0.0000	mg/L
MW-21-2	2218854-10	Hexavalent Chromium	8/15/2022	0.0002	Y	y	v	U	0.0002	0.0000	mg/L
MW-21-3	2218854-09	Hexavalent Chromium	8/15/2022	0.00046	Y	y	v	UJ	0.0002	0.0000	mg/L
MW-21-4	2218854-07	Hexavalent Chromium	8/15/2022	0.0016	Y	y	v		0.0002	0.0000	mg/L
MW-21-5	2218854-06	Hexavalent Chromium	8/15/2022	0.0014	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-11-1	2218854-05	Chloride	8/10/2022	22	Y	y	v		0.50	0.13	mg/L

SDG: 2218854

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	2218854-05	Nitrate as N	8/10/2022	0.4	Y	y	v		0.10	0.024	mg/L
MW-11-1	2218854-05	Sulfate	8/10/2022	46	Y	y	v		1.0	0.14	mg/L

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-6	2218854-08	Perchlorate	8/22/2022	3.6	Y	y	v		2.0	0.81	ug/L
EB-2	2218854-11	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-11-1	2218854-05	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-11-2	2218854-04	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-11-3	2218854-03	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-11-4	2218854-02	Perchlorate	8/22/2022	2	Y	n	u		2.0	0.81	ug/L
MW-21-2	2218854-10	Perchlorate	8/22/2022	1.4	Y	y	v j		2.0	0.81	ug/L
MW-21-3	2218854-09	Perchlorate	8/22/2022	3.1	Y	y	v		2.0	0.81	ug/L
MW-21-4	2218854-07	Perchlorate	8/22/2022	3.2	Y	y	v		2.0	0.81	ug/L
MW-21-5	2218854-06	Perchlorate	8/22/2022	2.4	Y	y	v		2.0	0.81	ug/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-11-1	2218854-05	Nitrite as N	8/11/2022	0.026	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	2218854-05	ortho-Phosphate as P	8/10/2022	0.026	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
DUP-6	2218854-08	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-6	2218854-08	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218854

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	2218854-08	Chloroform	8/12/2022	3.7	Y	y	v		0.50	0.14	ug/L
DUP-6	2218854-08	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6	2218854-08	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-6	2218854-08	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-6	2218854-08	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-6	2218854-08	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-6	2218854-08	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6	2218854-08	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-6	2218854-08	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6	2218854-08	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6	2218854-08	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6	2218854-08	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-6	2218854-08	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6	2218854-08	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-6	2218854-08	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
DUP-6	2218854-08	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
DUP-6	2218854-08	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-6	2218854-08	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-6	2218854-08	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L

SDG: 2218854

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	2218854-08	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
DUP-6	2218854-08	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
DUP-6	2218854-08	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
DUP-6	2218854-08	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-6	2218854-08	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-6	2218854-08	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-6	2218854-08	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-6	2218854-08	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6	2218854-08	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6	2218854-08	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
DUP-6	2218854-08	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6	2218854-08	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-6	2218854-08	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6	2218854-08	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-6	2218854-08	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
DUP-6	2218854-08	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6	2218854-08	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L

SDG: 2218854

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	2218854-08	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6	2218854-08	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-6	2218854-08	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-6	2218854-08	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-6	2218854-08	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-6	2218854-08	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-6	2218854-08	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
DUP-6	2218854-08	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-6	2218854-08	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
DUP-6	2218854-08	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-6	2218854-08	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-6	2218854-08	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-6	2218854-08	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6	2218854-08	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-6	2218854-08	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-6	2218854-08	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	Trichloroethene	8/12/2022	0.42	Y	y	v j		0.50	0.19	ug/L
DUP-6	2218854-08	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-6	2218854-08	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-6	2218854-08	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-6	2218854-08	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-6	2218854-08	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218854

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	2218854-08	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	Tetrachloroethene	8/12/2022	0.64	Y	y	v		0.50	0.23	ug/L
DUP-6	2218854-08	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-6	2218854-08	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-6	2218854-08	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-6	2218854-08	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-6	2218854-08	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.7	Y	y	v s				ug/L
DUP-6	2218854-08	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
DUP-6	2218854-08	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
DUP-6	2218854-08	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
DUP-6	2218854-08	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
DUP-6	2218854-08	Toluene-d8 (Surrogate)	8/12/2022	9.9	Y	y	v s				ug/L
DUP-6	2218854-08	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2	2218854-11	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2	2218854-11	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2	2218854-11	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218854

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	2218854-11	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2	2218854-11	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2	2218854-11	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2	2218854-11	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2	2218854-11	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2	2218854-11	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
EB-2	2218854-11	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2	2218854-11	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2	2218854-11	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
EB-2	2218854-11	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2	2218854-11	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2	2218854-11	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2	2218854-11	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2	2218854-11	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218854

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	2218854-11	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2	2218854-11	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2	2218854-11	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
EB-2	2218854-11	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
EB-2	2218854-11	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-2	2218854-11	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2	2218854-11	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
EB-2	2218854-11	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-2	2218854-11	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
EB-2	2218854-11	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
EB-2	2218854-11	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-2	2218854-11	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2	2218854-11	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
EB-2	2218854-11	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
EB-2	2218854-11	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.5	Y	y	v s				ug/L
EB-2	2218854-11	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-2	2218854-11	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.4	Y	y	v s				ug/L
EB-2	2218854-11	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
EB-2	2218854-11	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
EB-2	2218854-11	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
EB-2	2218854-11	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2	2218854-11	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-2	2218854-11	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L

SDG: 2218854

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	2218854-11	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
EB-2	2218854-11	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-2	2218854-11	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
EB-2	2218854-11	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
EB-2	2218854-11	Toluene-d8 (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
EB-2	2218854-11	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-2	2218854-11	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-2	2218854-11	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-2	2218854-11	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-2	2218854-11	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-2	2218854-11	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-2	2218854-11	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-2	2218854-11	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
EB-2	2218854-11	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-2	2218854-11	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-2	2218854-11	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-2	2218854-11	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2	2218854-11	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-2	2218854-11	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-2	2218854-11	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-2	2218854-11	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-2	2218854-11	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L

SDG: 2218854

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	2218854-11	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
EB-2	2218854-11	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-2	2218854-11	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-1	2218854-05	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-1	2218854-05	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-1	2218854-05	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-1	2218854-05	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-1	2218854-05	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-1	2218854-05	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2218854-05	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-1	2218854-05	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-1	2218854-05	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-11-1	2218854-05	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-11-1	2218854-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2218854-05	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2218854-05	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-1	2218854-05	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-11-1	2218854-05	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-11-1	2218854-05	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-11-1	2218854-05	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-11-1	2218854-05	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-11-1	2218854-05	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L

SDG: 2218854

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	2218854-05	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.4	Y	y	v s				ug/L
MW-11-1	2218854-05	Toluene-d8 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-11-1	2218854-05	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-1	2218854-05	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2218854-05	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2218854-05	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-11-1	2218854-05	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-11-1	2218854-05	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-1	2218854-05	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-1	2218854-05	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-1	2218854-05	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-1	2218854-05	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-11-1	2218854-05	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-11-1	2218854-05	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
MW-11-1	2218854-05	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-1	2218854-05	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2218854-05	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-1	2218854-05	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-1	2218854-05	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-1	2218854-05	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2218854

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	2218854-05	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-1	2218854-05	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-1	2218854-05	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2218854-05	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2218854-05	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-1	2218854-05	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-1	2218854-05	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2218854-05	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-1	2218854-05	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-1	2218854-05	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-1	2218854-05	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2218854-05	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2218854-05	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2218854-05	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-1	2218854-05	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218854

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	2218854-05	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-1	2218854-05	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2218854-05	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-1	2218854-05	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2218854-05	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-1	2218854-05	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-1	2218854-05	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-1	2218854-05	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-1	2218854-05	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-1	2218854-05	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2218854-05	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-1	2218854-05	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-1	2218854-05	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-1	2218854-05	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-1	2218854-05	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2218854-04	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2218854-04	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2218854-04	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2218854-04	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218854

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	2218854-04	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2218854-04	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-2	2218854-04	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2218854-04	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-2	2218854-04	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-2	2218854-04	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2218854-04	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-2	2218854-04	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2218854-04	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2218854-04	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-2	2218854-04	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-2	2218854-04	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-2	2218854-04	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-2	2218854-04	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2218854

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	2218854-04	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2218854-04	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2218854-04	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-2	2218854-04	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-2	2218854-04	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-2	2218854-04	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-2	2218854-04	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-2	2218854-04	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2218854-04	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-2	2218854-04	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2218854-04	Toluene-d8 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-11-2	2218854-04	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-11-2	2218854-04	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-11-2	2218854-04	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-2	2218854-04	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-2	2218854-04	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-2	2218854-04	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-2	2218854-04	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-11-2	2218854-04	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-2	2218854-04	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-2	2218854-04	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-11-2	2218854-04	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L

SDG: 2218854

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	2218854-04	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-11-2	2218854-04	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-11-2	2218854-04	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-2	2218854-04	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-2	2218854-04	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-2	2218854-04	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-11-2	2218854-04	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-2	2218854-04	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2218854-04	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-2	2218854-04	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-2	2218854-04	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2218854-04	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-2	2218854-04	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-2	2218854-04	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-11-2	2218854-04	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-2	2218854-04	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-2	2218854-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218854

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	2218854-04	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-2	2218854-04	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2218854-04	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-2	2218854-04	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-2	2218854-04	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-2	2218854-04	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-2	2218854-04	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-2	2218854-04	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-3	2218854-03	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2218854-03	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2218854-03	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-3	2218854-03	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2218854-03	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2218854-03	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2218854-03	Ethylbenzene	8/12/2022	0.15	Y	y	v j		0.50	0.15	ug/L
MW-11-3	2218854-03	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-3	2218854-03	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2218854-03	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-3	2218854-03	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218854

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	2218854-03	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-3	2218854-03	Methyl t-butyl ether	8/12/2022	0.3	Y	y	v j		0.50	0.14	ug/L
MW-11-3	2218854-03	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-3	2218854-03	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-3	2218854-03	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-3	2218854-03	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-3	2218854-03	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-3	2218854-03	Styrene	8/12/2022	0.46	Y	y	v j		0.50	0.12	ug/L
MW-11-3	2218854-03	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-3	2218854-03	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2218854-03	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-3	2218854-03	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-3	2218854-03	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-3	2218854-03	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-3	2218854-03	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-11-3	2218854-03	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-3	2218854-03	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-3	2218854-03	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218854

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	2218854-03	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-3	2218854-03	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-3	2218854-03	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-3	2218854-03	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-3	2218854-03	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-11-3	2218854-03	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-11-3	2218854-03	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-3	2218854-03	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-3	2218854-03	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-3	2218854-03	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-3	2218854-03	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-11-3	2218854-03	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-3	2218854-03	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-11-3	2218854-03	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-3	2218854-03	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-3	2218854-03	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.5	Y	y	v s				ug/L
MW-11-3	2218854-03	Toluene-d8 (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
MW-11-3	2218854-03	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.4	Y	y	v s				ug/L
MW-11-3	2218854-03	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-11-3	2218854-03	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-11-3	2218854-03	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-11-3	2218854-03	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-11-3	2218854-03	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L

SDG: 2218854

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	2218854-03	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-11-3	2218854-03	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-3	2218854-03	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2218854-03	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-3	2218854-03	Toluene	8/12/2022	0.18	Y	y	v j		0.50	0.17	ug/L
MW-11-3	2218854-03	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2218854-03	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-3	2218854-03	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2218854-03	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-3	2218854-03	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2218854-03	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-3	2218854-03	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-3	2218854-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2218854-03	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-3	2218854-03	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-3	2218854-03	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-3	2218854-03	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-11-3	2218854-03	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-3	2218854-03	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-3	2218854-03	Carbon disulfide	8/12/2022	0.5	Y	y	v		0.50	0.48	ug/L
MW-11-3	2218854-03	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-4	2218854-02	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-11-4	2218854-02	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218854

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	2218854-02	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2218854-02	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-11-4	2218854-02	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2218854-02	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2218854-02	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2218854-02	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2218854-02	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2218854-02	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-4	2218854-02	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-11-4	2218854-02	Styrene	8/12/2022	0.15	Y	y	v j		0.50	0.12	ug/L
MW-11-4	2218854-02	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2218854-02	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-4	2218854-02	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2218854-02	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2218854-02	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218854

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	2218854-02	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-11-4	2218854-02	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-11-4	2218854-02	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-4	2218854-02	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2218854-02	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2218854-02	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-11-4	2218854-02	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-11-4	2218854-02	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2218854-02	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2218854-02	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-11-4	2218854-02	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-4	2218854-02	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-11-4	2218854-02	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-11-4	2218854-02	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-11-4	2218854-02	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-11-4	2218854-02	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-11-4	2218854-02	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-4	2218854-02	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218854

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	2218854-02	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-11-4	2218854-02	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-11-4	2218854-02	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-11-4	2218854-02	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-11-4	2218854-02	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-11-4	2218854-02	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-11-4	2218854-02	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-11-4	2218854-02	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-11-4	2218854-02	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-11-4	2218854-02	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-11-4	2218854-02	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-11-4	2218854-02	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-11-4	2218854-02	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-11-4	2218854-02	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-11-4	2218854-02	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-11-4	2218854-02	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-11-4	2218854-02	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
MW-11-4	2218854-02	Toluene-d8 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-11-4	2218854-02	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.4	Y	y	v s				ug/L
MW-11-4	2218854-02	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-11-4	2218854-02	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-11-4	2218854-02	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-11-4	2218854-02	Trichloroethene	8/12/2022	0.57	Y	y	v		0.50	0.19	ug/L
MW-11-4	2218854-02	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L

SDG: 2218854

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	2218854-02	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-11-4	2218854-02	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-11-4	2218854-02	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-11-4	2218854-02	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2218854-02	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-11-4	2218854-02	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-11-4	2218854-02	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-11-4	2218854-02	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-11-4	2218854-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-11-4	2218854-02	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-11-4	2218854-02	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-11-4	2218854-02	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2218854-10	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-2	2218854-10	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-2	2218854-10	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-2	2218854-10	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-2	2218854-10	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-2	2218854-10	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-2	2218854-10	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2218854-10	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218854

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	2218854-10	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2218854-10	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2218854-10	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2218854-10	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2218854-10	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-2	2218854-10	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-2	2218854-10	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2218854-10	Chloroform	8/12/2022	0.19	Y	y	v j		0.50	0.14	ug/L
MW-21-2	2218854-10	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2218854-10	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-2	2218854-10	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-2	2218854-10	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-2	2218854-10	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-2	2218854-10	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-2	2218854-10	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-2	2218854-10	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218854

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	2218854-10	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-2	2218854-10	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2218854-10	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-2	2218854-10	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-2	2218854-10	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-2	2218854-10	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-21-2	2218854-10	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-2	2218854-10	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-21-2	2218854-10	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-2	2218854-10	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2218854-10	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-2	2218854-10	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-2	2218854-10	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-2	2218854-10	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
MW-21-2	2218854-10	Toluene-d8 (Surrogate)	8/12/2022	9.5	Y	y	v s				ug/L
MW-21-2	2218854-10	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-21-2	2218854-10	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L

SDG: 2218854

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	2218854-10	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-2	2218854-10	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-21-2	2218854-10	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-21-2	2218854-10	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-2	2218854-10	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-21-2	2218854-10	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	Tetrachloroethene	8/12/2022	0.33	Y	y	v j		0.50	0.23	ug/L
MW-21-2	2218854-10	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-2	2218854-10	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2218854-10	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-2	2218854-10	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2218854-10	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2218854-10	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2218854-10	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-21-2	2218854-10	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2218854-10	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-2	2218854-10	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-2	2218854-10	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-2	2218854-10	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-21-2	2218854-10	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-2	2218854-10	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-2	2218854-10	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-2	2218854-10	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L

SDG: 2218854

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	2218854-10	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-2	2218854-10	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-2	2218854-10	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-3	2218854-09	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2218854-09	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-3	2218854-09	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	Chloroform	8/12/2022	0.42	Y	y	v j		0.50	0.14	ug/L
MW-21-3	2218854-09	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2218854-09	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-3	2218854-09	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2218854-09	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-3	2218854-09	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-3	2218854-09	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2218854-09	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-3	2218854-09	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-3	2218854-09	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218854

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	2218854-09	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-3	2218854-09	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-3	2218854-09	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2218854-09	Trichloroethene	8/12/2022	0.96	Y	y	v		0.50	0.19	ug/L
MW-21-3	2218854-09	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-3	2218854-09	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2218854-09	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2218854-09	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-3	2218854-09	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-3	2218854-09	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2218854-09	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-3	2218854-09	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-3	2218854-09	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2218854-09	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-3	2218854-09	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2218854-09	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-3	2218854-09	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2218854-09	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-21-3	2218854-09	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-3	2218854-09	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218854

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	2218854-09	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-21-3	2218854-09	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-21-3	2218854-09	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-3	2218854-09	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-21-3	2218854-09	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-3	2218854-09	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-3	2218854-09	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-3	2218854-09	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-3	2218854-09	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-21-3	2218854-09	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-3	2218854-09	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2218854-09	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.9	Y	y	v s				ug/L
MW-21-3	2218854-09	Toluene-d8 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
MW-21-3	2218854-09	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.7	Y	y	v s				ug/L
MW-21-3	2218854-09	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-21-3	2218854-09	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-3	2218854-09	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2218854-09	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2218854-09	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-3	2218854-09	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218854

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	2218854-09	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-3	2218854-09	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2218854-09	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-3	2218854-09	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-3	2218854-09	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-3	2218854-09	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-21-3	2218854-09	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2218854-09	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	Tetrachloroethene	8/12/2022	0.57	Y	y	v		0.50	0.23	ug/L
MW-21-3	2218854-09	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-3	2218854-09	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-3	2218854-09	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-3	2218854-09	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-3	2218854-09	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-3	2218854-09	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-3	2218854-09	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-4	2218854-07	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2218854-07	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2218854-07	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2218854-07	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218854

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	2218854-07	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-4	2218854-07	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2218854-07	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-4	2218854-07	Trichloroethene	8/12/2022	0.44	Y	y	v j		0.50	0.19	ug/L
MW-21-4	2218854-07	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-4	2218854-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2218854-07	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2218854-07	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2218854-07	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2218854-07	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2218854-07	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-4	2218854-07	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-4	2218854-07	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-21-4	2218854-07	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2218854-07	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2218854-07	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2218854

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	2218854-07	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2218854-07	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.5	Y	y	v s				ug/L
MW-21-4	2218854-07	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-21-4	2218854-07	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-21-4	2218854-07	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-4	2218854-07	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2218854-07	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-4	2218854-07	Toluene-d8 (Surrogate)	8/12/2022	9.7	Y	y	v s				ug/L
MW-21-4	2218854-07	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-4	2218854-07	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-21-4	2218854-07	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.6	Y	y	v s				ug/L
MW-21-4	2218854-07	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
MW-21-4	2218854-07	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-4	2218854-07	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-4	2218854-07	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-4	2218854-07	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-4	2218854-07	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-4	2218854-07	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-4	2218854-07	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2218854

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	2218854-07	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2218854-07	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-4	2218854-07	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-4	2218854-07	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-21-4	2218854-07	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-21-4	2218854-07	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-4	2218854-07	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-21-4	2218854-07	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-4	2218854-07	Chloroform	8/12/2022	4	Y	y	v		0.50	0.14	ug/L
MW-21-4	2218854-07	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-4	2218854-07	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-4	2218854-07	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2218854-07	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-4	2218854-07	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-4	2218854-07	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-4	2218854-07	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-4	2218854-07	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-4	2218854-07	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-4	2218854-07	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-4	2218854-07	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2218854

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	2218854-07	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-4	2218854-07	Tetrachloroethene	8/12/2022	0.82	Y	y	v		0.50	0.23	ug/L
MW-21-4	2218854-07	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-4	2218854-07	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-4	2218854-07	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-4	2218854-07	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-4	2218854-07	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-4	2218854-07	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-5	2218854-06	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2218854-06	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
MW-21-5	2218854-06	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2218854-06	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2218854-06	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-21-5	2218854-06	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2218854-06	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2218854-06	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
MW-21-5	2218854-06	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-21-5	2218854-06	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
MW-21-5	2218854-06	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
MW-21-5	2218854-06	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L

SDG: 2218854

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	2218854-06	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2218854-06	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
MW-21-5	2218854-06	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
MW-21-5	2218854-06	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
MW-21-5	2218854-06	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
MW-21-5	2218854-06	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
MW-21-5	2218854-06	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-21-5	2218854-06	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
MW-21-5	2218854-06	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
MW-21-5	2218854-06	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-21-5	2218854-06	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2218854-06	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.5	Y	y	v s				ug/L
MW-21-5	2218854-06	Toluene-d8 (Surrogate)	8/12/2022	9.9	Y	y	v s				ug/L
MW-21-5	2218854-06	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.4	Y	y	v s				ug/L
MW-21-5	2218854-06	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
MW-21-5	2218854-06	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-21-5	2218854-06	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2218854-06	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2218854-06	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2218854

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	2218854-06	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2218854-06	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2218854-06	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-5	2218854-06	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-5	2218854-06	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2218854-06	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-21-5	2218854-06	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
MW-21-5	2218854-06	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-21-5	2218854-06	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-21-5	2218854-06	Chloroform	8/12/2022	3.2	Y	y	v		0.50	0.14	ug/L
MW-21-5	2218854-06	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-21-5	2218854-06	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-21-5	2218854-06	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
MW-21-5	2218854-06	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-21-5	2218854-06	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-5	2218854-06	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-21-5	2218854-06	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2218854

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	2218854-06	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
MW-21-5	2218854-06	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
MW-21-5	2218854-06	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-21-5	2218854-06	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2218854-06	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L
MW-21-5	2218854-06	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-5	2218854-06	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-21-5	2218854-06	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-21-5	2218854-06	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2218854-06	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-21-5	2218854-06	Tetrachloroethene	8/12/2022	0.71	Y	y	v		0.50	0.23	ug/L
MW-21-5	2218854-06	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-21-5	2218854-06	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2218854-06	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-21-5	2218854-06	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-21-5	2218854-06	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-21-5	2218854-06	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	cis-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-7	2218854-01	1,1-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L

SDG: 2218854

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	2218854-01	2,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7	2218854-01	1,3-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7	2218854-01	1,1-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-7	2218854-01	trans-1,2-Dichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	1,1-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	Isopropylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	1,2-Dichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	1,2-Dichloropropane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	cis-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	trans-1,3-Dichloropropene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7	2218854-01	Hexachlorobutadiene	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-7	2218854-01	Styrene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-7	2218854-01	p-Isopropyltoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	Methylene chloride	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	Methyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	Dichlorodifluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	Carbon tetrachloride	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	Naphthalene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-7	2218854-01	n-Propylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-7	2218854-01	Ethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	Chloroform	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	Bromobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	Methyl iodide	8/12/2022	2	Y	n	u	UJ	2.0	1.1	ug/L
TB-7	2218854-01	1,1,1,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	Bromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2218854

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	2218854-01	Bromodichloromethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-7	2218854-01	Bromoform	8/12/2022	0.5	Y	n	u		0.50	0.46	ug/L
TB-7	2218854-01	Bromomethane	8/12/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-7	2218854-01	n-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	sec-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7	2218854-01	Chloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	Chlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	1,4-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	Chloromethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-7	2218854-01	2-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	4-Chlorotoluene	8/12/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-7	2218854-01	Dibromochloromethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-7	2218854-01	1,2-Dibromo-3-chloropropane	8/12/2022	1	Y	n	u		1.0	0.89	ug/L
TB-7	2218854-01	1,2-Dibromoethane	8/12/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-7	2218854-01	Dibromomethane	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-7	2218854-01	1,2-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	1,3-Dichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-7	2218854-01	tert-Butylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7	2218854-01	1,2-Dichloroethane-d4 (Surrogate)	8/12/2022	9.8	Y	y	v s				ug/L
TB-7	2218854-01	Hexachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-7	2218854-01	2-Hexanone	8/12/2022	10	Y	n	u		10	5.0	ug/L
TB-7	2218854-01	Methyl ethyl ketone	8/12/2022	5	Y	n	u		5.0	3.3	ug/L
TB-7	2218854-01	Methyl isobutyl ketone	8/12/2022	5	Y	n	u		5.0	2.4	ug/L
TB-7	2218854-01	Methyl methacrylate	8/12/2022	5	Y	n	u		5.0	1.2	ug/L
TB-7	2218854-01	Pentachloroethane	8/12/2022	2	Y	n	u	UJ	2.0	0.63	ug/L

SDG: 2218854

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	2218854-01	Propionitrile	8/12/2022	20	Y	n	u		20	6.2	ug/L
TB-7	2218854-01	Tetrahydrofuran	8/12/2022	20	Y	n	u		20	5.2	ug/L
TB-7	2218854-01	Methacrylonitrile	8/12/2022	10	Y	n	u		10	2.3	ug/L
TB-7	2218854-01	o-Xylene	8/12/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-7	2218854-01	Diethyl ether	8/12/2022	2	Y	n	u		2.0	0.33	ug/L
TB-7	2218854-01	Toluene-d8 (Surrogate)	8/12/2022	9.9	Y	y	v s				ug/L
TB-7	2218854-01	4-Bromofluorobenzene (Surrogate)	8/12/2022	9.7	Y	y	v s				ug/L
TB-7	2218854-01	Nitrobenzene	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	1,1-Dichloropropanone	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	1-Chlorobutane	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	2-Nitropropane	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	Chloroacetonitrile	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	Methyl acrylate	8/12/2022	0	Y	y	v				ug/L
TB-7	2218854-01	Benzene	8/12/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-7	2218854-01	p- & m-Xylenes	8/12/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-7	2218854-01	1,3,5-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	Tetrachloroethene	8/12/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-7	2218854-01	Toluene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	1,2,3-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7	2218854-01	1,2,4-Trichlorobenzene	8/12/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-7	2218854-01	1,1,1-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	1,1,2-Trichloroethane	8/12/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-7	2218854-01	Trichloroethene	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7	2218854-01	Trichlorofluoromethane	8/12/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-7	2218854-01	1,2,3-Trichloropropane	8/12/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2218854

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	2218854-01	Ethyl t-butyl ether	8/12/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-7	2218854-01	1,2,4-Trimethylbenzene	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	Ethyl methacrylate	8/12/2022	4	Y	n	u		4.0	1.3	ug/L
TB-7	2218854-01	Vinyl chloride	8/12/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-7	2218854-01	Acetone	8/12/2022	10	Y	n	u		10	6.6	ug/L
TB-7	2218854-01	Acrylonitrile	8/12/2022	5	Y	n	u		5.0	1.5	ug/L
TB-7	2218854-01	Allyl chloride	8/12/2022	5	Y	n	u		5.0	0.47	ug/L
TB-7	2218854-01	t-Amyl Methyl ether	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-7	2218854-01	t-Butyl alcohol	8/12/2022	2	Y	n	u		2.0	2.0	ug/L
TB-7	2218854-01	Carbon disulfide	8/12/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-7	2218854-01	trans-1,4-Dichloro-2-butene	8/12/2022	5	Y	n	u		5.0	1.8	ug/L
TB-7	2218854-01	1,1,2,2-Tetrachloroethane	8/12/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-7	2218854-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/12/2022	0.5	Y	n	u		0.50	0.19	ug/L

NASA JPL, 3Q2022 - LDC 55053

SDG: 2219070

Analytical Method											
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-15	2219070-01	Total Recoverable Chromium	8/22/2022	3	Y	n	u		3.0	0.50	ug/L

Analytical Method											
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
MW-15	2219070-01	Hexavalent Chromium	8/18/2022	0.00089	Y	y	v		0.0002	0.0000	mg/L

NASA JPL, 3Q2022 - LDC 55053

SDG: 2219130

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-8-081022	2219130-07	Total Recoverable Chromium	8/23/2022	3	Y	n	u		3.0	0.50	ug/L
MW-18-2	2219130-06	Total Recoverable Chromium	8/23/2022	3	Y	n	u		3.0	0.50	ug/L
MW-18-3	2219130-05	Total Recoverable Chromium	8/23/2022	3	Y	n	u		3.0	0.50	ug/L
MW-18-4	2219130-04	Total Recoverable Chromium	8/23/2022	2.7	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-8-081022	2219130-07	Hexavalent Chromium	8/18/2022	0.00018	Y	y	v j	U	0.0002	0.0000	mg/L
MW-18-2	2219130-06	Hexavalent Chromium	8/18/2022	0.0002	Y	y	v	U	0.0002	0.0000	mg/L
MW-18-3	2219130-05	Hexavalent Chromium	8/18/2022	0.0019	Y	y	v		0.0002	0.0000	mg/L
MW-18-4	2219130-04	Hexavalent Chromium	8/18/2022	0.003	Y	y	v		0.0002	0.0000	mg/L

Analytical Method		EPA-314.0									
Sample ID	Lab Sample ID	Chemical Name	Anal Date	Result	Report	Detect	Lab Qual	Val Qual	RL	MDL	Units
DUP-7-3Q22	2219130-03	Perchlorate	8/23/2022	2	Y	n	u		2.0	0.81	ug/L
EB-8-081022	2219130-07	Perchlorate	8/23/2022	2	Y	n	u		2.0	0.81	ug/L
MW-18-2	2219130-06	Perchlorate	8/23/2022	2	Y	n	u		2.0	0.81	ug/L
MW-18-3	2219130-05	Perchlorate	8/23/2022	2	Y	n	u		2.0	0.81	ug/L
MW-18-4	2219130-04	Perchlorate	8/23/2022	15	Y	y	v		2.0	0.81	ug/L
MW-18-5	2219130-02	Perchlorate	8/23/2022	2	Y	n	u		2.0	0.81	ug/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-7-3Q22	2219130-03	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-7-3Q22	2219130-03	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-7-3Q22	2219130-03	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L

SDG: 2219130

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-7-3Q22	2219130-03	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-3Q22	2219130-03	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-7-3Q22	2219130-03	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-3Q22	2219130-03	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
DUP-7-3Q22	2219130-03	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-3Q22	2219130-03	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-7-3Q22	2219130-03	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
DUP-7-3Q22	2219130-03	Styrene	8/16/2022	0.13	Y	y	v j		0.50	0.12	ug/L
DUP-7-3Q22	2219130-03	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-3Q22	2219130-03	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-3Q22	2219130-03	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
DUP-7-3Q22	2219130-03	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-3Q22	2219130-03	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-3Q22	2219130-03	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
DUP-7-3Q22	2219130-03	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2219130

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-7-3Q22	2219130-03	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-3Q22	2219130-03	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
DUP-7-3Q22	2219130-03	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-7-3Q22	2219130-03	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
DUP-7-3Q22	2219130-03	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
DUP-7-3Q22	2219130-03	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-7-3Q22	2219130-03	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-3Q22	2219130-03	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
DUP-7-3Q22	2219130-03	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
DUP-7-3Q22	2219130-03	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
DUP-7-3Q22	2219130-03	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
DUP-7-3Q22	2219130-03	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
DUP-7-3Q22	2219130-03	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
DUP-7-3Q22	2219130-03	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
DUP-7-3Q22	2219130-03	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
DUP-7-3Q22	2219130-03	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
DUP-7-3Q22	2219130-03	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L

SDG: 2219130

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-7-3Q22	2219130-03	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
DUP-7-3Q22	2219130-03	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
DUP-7-3Q22	2219130-03	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
DUP-7-3Q22	2219130-03	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	10	Y	y	v s				ug/L
DUP-7-3Q22	2219130-03	Toluene-d8 (Surrogate)	8/16/2022	9.6	Y	y	v s				ug/L
DUP-7-3Q22	2219130-03	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.5	Y	y	v s				ug/L
DUP-7-3Q22	2219130-03	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
DUP-7-3Q22	2219130-03	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
DUP-7-3Q22	2219130-03	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-3Q22	2219130-03	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-3Q22	2219130-03	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
DUP-7-3Q22	2219130-03	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-3Q22	2219130-03	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
DUP-7-3Q22	2219130-03	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L
DUP-7-3Q22	2219130-03	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
DUP-7-3Q22	2219130-03	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
DUP-7-3Q22	2219130-03	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
DUP-7-3Q22	2219130-03	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2219130

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-7-3Q22	2219130-03	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
DUP-7-3Q22	2219130-03	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
DUP-7-3Q22	2219130-03	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
DUP-7-3Q22	2219130-03	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-3Q22	2219130-03	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
DUP-7-3Q22	2219130-03	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
DUP-7-3Q22	2219130-03	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
DUP-7-3Q22	2219130-03	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
DUP-7-3Q22	2219130-03	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
DUP-7-3Q22	2219130-03	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
DUP-7-3Q22	2219130-03	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
DUP-7-3Q22	2219130-03	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-081022	2219130-07	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-8-081022	2219130-07	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-081022	2219130-07	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L
EB-8-081022	2219130-07	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-081022	2219130-07	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-081022	2219130-07	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-081022	2219130-07	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
EB-8-081022	2219130-07	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2219130

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-8-081022	2219130-07	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-081022	2219130-07	Styrene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-8-081022	2219130-07	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
EB-8-081022	2219130-07	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-8-081022	2219130-07	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-081022	2219130-07	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-081022	2219130-07	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
EB-8-081022	2219130-07	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
EB-8-081022	2219130-07	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
EB-8-081022	2219130-07	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
EB-8-081022	2219130-07	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
EB-8-081022	2219130-07	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
EB-8-081022	2219130-07	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-081022	2219130-07	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
EB-8-081022	2219130-07	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
EB-8-081022	2219130-07	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-081022	2219130-07	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
EB-8-081022	2219130-07	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
EB-8-081022	2219130-07	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L

SDG: 2219130

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-8-081022	2219130-07	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
EB-8-081022	2219130-07	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
EB-8-081022	2219130-07	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
EB-8-081022	2219130-07	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-081022	2219130-07	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
EB-8-081022	2219130-07	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
EB-8-081022	2219130-07	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-8-081022	2219130-07	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-081022	2219130-07	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-081022	2219130-07	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-081022	2219130-07	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-081022	2219130-07	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-081022	2219130-07	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
EB-8-081022	2219130-07	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
EB-8-081022	2219130-07	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-081022	2219130-07	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	10	Y	y	v s				ug/L
EB-8-081022	2219130-07	Toluene-d8 (Surrogate)	8/16/2022	9.7	Y	y	v s				ug/L

SDG: 2219130

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-8-081022	2219130-07	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.4	Y	y	v s				ug/L
EB-8-081022	2219130-07	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
EB-8-081022	2219130-07	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
EB-8-081022	2219130-07	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-081022	2219130-07	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
EB-8-081022	2219130-07	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
EB-8-081022	2219130-07	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
EB-8-081022	2219130-07	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
EB-8-081022	2219130-07	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
EB-8-081022	2219130-07	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
EB-8-081022	2219130-07	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
EB-8-081022	2219130-07	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
EB-8-081022	2219130-07	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
EB-8-081022	2219130-07	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
EB-8-081022	2219130-07	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
EB-8-081022	2219130-07	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
EB-8-081022	2219130-07	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
EB-8-081022	2219130-07	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
EB-8-081022	2219130-07	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L

SDG: 2219130

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-8-081022	2219130-07	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
EB-8-081022	2219130-07	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2	2219130-06	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2	2219130-06	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-2	2219130-06	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-2	2219130-06	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-2	2219130-06	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-2	2219130-06	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2	2219130-06	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-2	2219130-06	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-2	2219130-06	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
MW-18-2	2219130-06	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-2	2219130-06	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2	2219130-06	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2	2219130-06	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-2	2219130-06	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2	2219130-06	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2	2219130-06	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-2	2219130-06	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2	2219130-06	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-2	2219130-06	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2219130

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	2219130-06	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
MW-18-2	2219130-06	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
MW-18-2	2219130-06	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.5	Y	y	v s				ug/L
MW-18-2	2219130-06	Toluene-d8 (Surrogate)	8/16/2022	9.7	Y	y	v s				ug/L
MW-18-2	2219130-06	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	10	Y	y	v s				ug/L
MW-18-2	2219130-06	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-2	2219130-06	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-2	2219130-06	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-2	2219130-06	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
MW-18-2	2219130-06	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-18-2	2219130-06	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-2	2219130-06	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-2	2219130-06	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
MW-18-2	2219130-06	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-2	2219130-06	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
MW-18-2	2219130-06	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
MW-18-2	2219130-06	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2	2219130-06	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2219130

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	2219130-06	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-2	2219130-06	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-2	2219130-06	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-2	2219130-06	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-2	2219130-06	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-2	2219130-06	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2	2219130-06	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-2	2219130-06	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2	2219130-06	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-2	2219130-06	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-2	2219130-06	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-2	2219130-06	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2	2219130-06	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-2	2219130-06	Styrene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-2	2219130-06	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-2	2219130-06	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L

SDG: 2219130

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	2219130-06	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-2	2219130-06	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-2	2219130-06	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-2	2219130-06	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-2	2219130-06	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-2	2219130-06	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2	2219130-06	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-2	2219130-06	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-2	2219130-06	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-2	2219130-06	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-2	2219130-06	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3	2219130-05	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-3	2219130-05	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3	2219130-05	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-3	2219130-05	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L

SDG: 2219130

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	2219130-05	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3	2219130-05	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3	2219130-05	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-3	2219130-05	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3	2219130-05	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3	2219130-05	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3	2219130-05	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-3	2219130-05	Styrene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-3	2219130-05	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-3	2219130-05	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-3	2219130-05	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-3	2219130-05	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-3	2219130-05	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-3	2219130-05	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3	2219130-05	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-3	2219130-05	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-3	2219130-05	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L

SDG: 2219130

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	2219130-05	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3	2219130-05	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3	2219130-05	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3	2219130-05	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	Toluene-d8 (Surrogate)	8/16/2022	9.7	Y	y	v s				ug/L
MW-18-3	2219130-05	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-3	2219130-05	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-18-3	2219130-05	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
MW-18-3	2219130-05	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
MW-18-3	2219130-05	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-3	2219130-05	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
MW-18-3	2219130-05	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	9.7	Y	y	v s				ug/L
MW-18-3	2219130-05	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-3	2219130-05	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.4	Y	y	v s				ug/L
MW-18-3	2219130-05	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
MW-18-3	2219130-05	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3	2219130-05	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-3	2219130-05	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L

SDG: 2219130

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	2219130-05	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-3	2219130-05	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
MW-18-3	2219130-05	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-3	2219130-05	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-3	2219130-05	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-3	2219130-05	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-3	2219130-05	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-3	2219130-05	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-3	2219130-05	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-3	2219130-05	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-3	2219130-05	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-3	2219130-05	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3	2219130-05	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
MW-18-3	2219130-05	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
MW-18-3	2219130-05	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3	2219130-05	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-3	2219130-05	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-3	2219130-05	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3	2219130-05	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-3	2219130-05	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3	2219130-05	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-3	2219130-05	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-3	2219130-05	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-3	2219130-05	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2219130

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	2219130-05	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-3	2219130-05	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-3	2219130-05	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-3	2219130-05	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-3	2219130-05	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-4	2219130-04	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-4	2219130-04	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-4	2219130-04	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4	2219130-04	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-4	2219130-04	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-4	2219130-04	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-4	2219130-04	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-4	2219130-04	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-4	2219130-04	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4	2219130-04	Chloroform	8/16/2022	0.79	Y	y	v		0.50	0.14	ug/L

SDG: 2219130

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	2219130-04	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	Carbon tetrachloride	8/16/2022	2.2	Y	y	v		0.50	0.17	ug/L
MW-18-4	2219130-04	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	Trichloroethene	8/16/2022	0.96	Y	y	v		0.50	0.19	ug/L
MW-18-4	2219130-04	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4	2219130-04	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4	2219130-04	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-4	2219130-04	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4	2219130-04	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4	2219130-04	Tetrachloroethene	8/16/2022	0.72	Y	y	v		0.50	0.23	ug/L
MW-18-4	2219130-04	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4	2219130-04	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4	2219130-04	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4	2219130-04	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-4	2219130-04	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4	2219130-04	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-4	2219130-04	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-4	2219130-04	Styrene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-4	2219130-04	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2219130

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	2219130-04	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
MW-18-4	2219130-04	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
MW-18-4	2219130-04	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-4	2219130-04	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4	2219130-04	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4	2219130-04	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-4	2219130-04	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4	2219130-04	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-4	2219130-04	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4	2219130-04	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-4	2219130-04	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-4	2219130-04	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-4	2219130-04	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-4	2219130-04	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
MW-18-4	2219130-04	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4	2219130-04	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-4	2219130-04	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
MW-18-4	2219130-04	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
MW-18-4	2219130-04	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-4	2219130-04	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-4	2219130-04	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L

SDG: 2219130

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	2219130-04	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-4	2219130-04	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-4	2219130-04	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-4	2219130-04	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-4	2219130-04	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-4	2219130-04	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4	2219130-04	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.7	Y	y	v s				ug/L
MW-18-4	2219130-04	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-4	2219130-04	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
MW-18-4	2219130-04	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-4	2219130-04	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
MW-18-4	2219130-04	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
MW-18-4	2219130-04	Toluene-d8 (Surrogate)	8/16/2022	9.6	Y	y	v s				ug/L
MW-18-4	2219130-04	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	9.9	Y	y	v s				ug/L
MW-18-4	2219130-04	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-4	2219130-04	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
MW-18-4	2219130-04	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-18-4	2219130-04	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-4	2219130-04	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-4	2219130-04	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
MW-18-4	2219130-04	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-4	2219130-04	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
MW-18-5	2219130-02	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
MW-18-5	2219130-02	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5	2219130-02	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	10	Y	y	v s				ug/L

SDG: 2219130

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	2219130-02	Toluene-d8 (Surrogate)	8/16/2022	9.6	Y	y	v s				ug/L
MW-18-5	2219130-02	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.4	Y	y	v s				ug/L
MW-18-5	2219130-02	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5	2219130-02	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
MW-18-5	2219130-02	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
MW-18-5	2219130-02	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
MW-18-5	2219130-02	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5	2219130-02	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
MW-18-5	2219130-02	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
MW-18-5	2219130-02	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
MW-18-5	2219130-02	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
MW-18-5	2219130-02	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
MW-18-5	2219130-02	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
MW-18-5	2219130-02	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
MW-18-5	2219130-02	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
MW-18-5	2219130-02	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
MW-18-5	2219130-02	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L
MW-18-5	2219130-02	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
MW-18-5	2219130-02	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
MW-18-5	2219130-02	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L

SDG: 2219130

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	2219130-02	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5	2219130-02	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5	2219130-02	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5	2219130-02	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5	2219130-02	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5	2219130-02	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-5	2219130-02	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5	2219130-02	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-5	2219130-02	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-5	2219130-02	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
MW-18-5	2219130-02	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
MW-18-5	2219130-02	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-5	2219130-02	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5	2219130-02	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L

SDG: 2219130

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	2219130-02	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L
MW-18-5	2219130-02	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-5	2219130-02	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
MW-18-5	2219130-02	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
MW-18-5	2219130-02	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
MW-18-5	2219130-02	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L
MW-18-5	2219130-02	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
MW-18-5	2219130-02	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
MW-18-5	2219130-02	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5	2219130-02	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5	2219130-02	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5	2219130-02	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
MW-18-5	2219130-02	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
MW-18-5	2219130-02	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
MW-18-5	2219130-02	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
MW-18-5	2219130-02	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5	2219130-02	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
MW-18-5	2219130-02	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L

SDG: 2219130

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	2219130-02	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5	2219130-02	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
MW-18-5	2219130-02	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
MW-18-5	2219130-02	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
MW-18-5	2219130-02	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
MW-18-5	2219130-02	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
MW-18-5	2219130-02	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
MW-18-5	2219130-02	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
MW-18-5	2219130-02	Styrene	8/16/2022	0.15	Y	y	v j		0.50	0.12	ug/L
MW-18-5	2219130-02	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	1-Chlorobutane	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	Propionitrile	8/16/2022	20	Y	n	u		20	6.2	ug/L
TB-8-801022	2219130-01	Tetrahydrofuran	8/16/2022	20	Y	n	u		20	5.2	ug/L
TB-8-801022	2219130-01	p- & m-Xylenes	8/16/2022	0.5	Y	n	u		0.50	0.34	ug/L
TB-8-801022	2219130-01	o-Xylene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-801022	2219130-01	1,2-Dichloroethane-d4 (Surrogate)	8/16/2022	10	Y	y	v s				ug/L
TB-8-801022	2219130-01	Toluene-d8 (Surrogate)	8/16/2022	9.5	Y	y	v s				ug/L
TB-8-801022	2219130-01	4-Bromofluorobenzene (Surrogate)	8/16/2022	9.6	Y	y	v s				ug/L
TB-8-801022	2219130-01	Methyl acrylate	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	Chloroacetonitrile	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	Nitrobenzene	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	2-Nitropropane	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	Methyl isobutyl ketone	8/16/2022	5	Y	n	u		5.0	2.4	ug/L

SDG: 2219130

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-8-801022	2219130-01	1,1-Dichloropropanone	8/16/2022	0	Y	y	v				ug/L
TB-8-801022	2219130-01	1,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	Isopropylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	1,3-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-8-801022	2219130-01	1,4-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	Dichlorodifluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	1,1-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	1,2-Dichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	1,1-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-801022	2219130-01	Dibromomethane	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L
TB-8-801022	2219130-01	trans-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	1,2-Dibromoethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-8-801022	2219130-01	1,3-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-801022	2219130-01	2,2-Dichloropropane	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-801022	2219130-01	1,1-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-801022	2219130-01	cis-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	trans-1,3-Dichloropropene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-801022	2219130-01	Ethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	Pentachloroethane	8/16/2022	2	Y	n	u	UJ	2.0	0.63	ug/L
TB-8-801022	2219130-01	cis-1,2-Dichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-801022	2219130-01	Chlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	Bromobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	Bromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.27	ug/L
TB-8-801022	2219130-01	Bromodichloromethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-801022	2219130-01	Bromoform	8/16/2022	0.5	Y	n	u		0.50	0.46	ug/L

SDG: 2219130

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-8-801022	2219130-01	Bromomethane	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-801022	2219130-01	n-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	sec-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.13	ug/L
TB-8-801022	2219130-01	1,2-Dichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-801022	2219130-01	Carbon tetrachloride	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	p-Isopropyltoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	Chloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	Chloroform	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	Chloromethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-801022	2219130-01	2-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	4-Chlorotoluene	8/16/2022	0.5	Y	n	u		0.50	0.093	ug/L
TB-8-801022	2219130-01	Dibromochloromethane	8/16/2022	0.5	Y	n	u		0.50	0.22	ug/L
TB-8-801022	2219130-01	1,2-Dibromo-3-chloropropane	8/16/2022	1	Y	n	u		1.0	0.89	ug/L
TB-8-801022	2219130-01	tert-Butylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-801022	2219130-01	Ethyl methacrylate	8/16/2022	4	Y	n	u		4.0	1.3	ug/L
TB-8-801022	2219130-01	Hexachlorobutadiene	8/16/2022	0.5	Y	n	u		0.50	0.20	ug/L
TB-8-801022	2219130-01	Acetone	8/16/2022	10	Y	n	u		10	6.6	ug/L
TB-8-801022	2219130-01	Acrylonitrile	8/16/2022	5	Y	n	u		5.0	1.5	ug/L
TB-8-801022	2219130-01	Allyl chloride	8/16/2022	5	Y	n	u		5.0	0.47	ug/L
TB-8-801022	2219130-01	t-Amyl Methyl ether	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-801022	2219130-01	t-Butyl alcohol	8/16/2022	2	Y	n	u		2.0	2.0	ug/L
TB-8-801022	2219130-01	Carbon disulfide	8/16/2022	0.5	Y	n	u		0.50	0.48	ug/L
TB-8-801022	2219130-01	1,3,5-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	Diethyl ether	8/16/2022	2	Y	n	u		2.0	0.33	ug/L
TB-8-801022	2219130-01	1,2,4-Trimethylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L

SDG: 2219130

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-8-801022	2219130-01	Ethyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.32	ug/L
TB-8-801022	2219130-01	Hexachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-801022	2219130-01	2-Hexanone	8/16/2022	10	Y	n	u		10	5.0	ug/L
TB-8-801022	2219130-01	Methacrylonitrile	8/16/2022	10	Y	n	u		10	2.3	ug/L
TB-8-801022	2219130-01	Methyl ethyl ketone	8/16/2022	5	Y	n	u		5.0	3.3	ug/L
TB-8-801022	2219130-01	Methyl iodide	8/16/2022	2	Y	n	u		2.0	1.1	ug/L
TB-8-801022	2219130-01	Benzene	8/16/2022	0.5	Y	n	u		0.50	0.11	ug/L
TB-8-801022	2219130-01	trans-1,4-Dichloro-2-butene	8/16/2022	5	Y	n	u		5.0	1.8	ug/L
TB-8-801022	2219130-01	1,2,3-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-801022	2219130-01	Methylene chloride	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-801022	2219130-01	Methyl t-butyl ether	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	Naphthalene	8/16/2022	0.5	Y	n	u		0.50	0.16	ug/L
TB-8-801022	2219130-01	n-Propylbenzene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-8-801022	2219130-01	Styrene	8/16/2022	0.5	Y	n	u		0.50	0.12	ug/L
TB-8-801022	2219130-01	1,1,1,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-801022	2219130-01	1,1,2,2-Tetrachloroethane	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	Vinyl chloride	8/16/2022	0.5	Y	n	u		0.50	0.18	ug/L
TB-8-801022	2219130-01	Toluene	8/16/2022	0.5	Y	n	u		0.50	0.17	ug/L
TB-8-801022	2219130-01	Methyl methacrylate	8/16/2022	5	Y	n	u		5.0	1.2	ug/L
TB-8-801022	2219130-01	1,2,4-Trichlorobenzene	8/16/2022	0.5	Y	n	u		0.50	0.15	ug/L
TB-8-801022	2219130-01	1,1,1-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-801022	2219130-01	1,1,2-Trichloroethane	8/16/2022	0.5	Y	n	u		0.50	0.21	ug/L
TB-8-801022	2219130-01	Trichloroethene	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-801022	2219130-01	Trichlorofluoromethane	8/16/2022	0.5	Y	n	u		0.50	0.14	ug/L
TB-8-801022	2219130-01	1,2,3-Trichloropropane	8/16/2022	1	Y	n	u		1.0	0.78	ug/L

SDG: 2219130

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-8-801022	2219130-01	1,1,2-Trichloro-1,2,2-trifluoroethane	8/16/2022	0.5	Y	n	u		0.50	0.19	ug/L
TB-8-801022	2219130-01	Tetrachloroethene	8/16/2022	0.5	Y	n	u		0.50	0.23	ug/L