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Environment Testing America

ANALYTICAL REPORT

Eurofins Canton 180 S. Van Buren Avenue Barberton, OH 44203 Tel: (330)497-9396

Laboratory Job ID: 240-171579-1

Client Project/Site: Ford LTP - Off Site

For:

ARCADIS U.S., Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

Attn: Kristoffer Hinskey

The

Authorized for release by: 8/29/2022 11:20:55 AM Nicole Kalis, Project Manager I (330)497-9396 Nicole.Kalis@et.eurofinsus.com

Designee for

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Ask— The Expert Michael DelMonico, Project Manager I (330)497-9396 Michael.DelMonico@et.eurofinsus.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Method Summary	5
Sample Summary	6
Detection Summary	7
Client Sample Results	8
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	15
Certification Summary	16
Chain of Custody	17

Qualifiers

TNTC

Too Numerous To Count

Qualifiers		- 3
GC/MS VOA		
Qualifier	Qualifier Description	
U	Indicates the analyte was analyzed for but not detected.	_
Glossary		- 5
Abbreviation	These commonly used abbreviations may or may not be present in this report.	6
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis	-
%R	Percent Recovery	
CFL	Contains Free Liquid	
CFU	Colony Forming Unit	0
CNF	Contains No Free Liquid	Ō
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	9
DL	Detection Limit (DoD/DOE)	
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
DLC	Decision Level Concentration (Radiochemistry)	
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	
MDA	Minimum Detectable Activity (Radiochemistry)	
MDC	Minimum Detectable Concentration (Radiochemistry)	
MDL	Method Detection Limit	
ML	Minimum Level (Dioxin)	
MPN	Most Probable Number	
MQL	Method Quantitation Limit	
NC	Not Calculated	
ND	Not Detected at the reporting limit (or MDL or EDL if shown)	
NEG	Negative / Absent	
POS	Positive / Present	
PQL	Practical Quantitation Limit	
PRES	Presumptive	
QC	Quality Control	
RER	Relative Error Ratio (Radiochemistry)	
RL	Reporting Limit or Requested Limit (Radiochemistry)	
RPD	Relative Percent Difference, a measure of the relative difference between two points	
TEF	Toxicity Equivalent Factor (Dioxin)	
TEQ	Toxicity Equivalent Quotient (Dioxin)	
THE		

Job ID: 240-171579-1

Laboratory: Eurofins Canton

Narrative

Job Narrative 240-171579-1

Case Narrative

Comments

No additional comments.

Receipt

The samples were received on 8/16/2022 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.7° C and 3.8° C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-539260 was outside the method criteria for the following analyte(s): Tetrachloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. TRIP BLANK_94 (240-171579-1), MW-167S_081222 (240-171579-2) and (CCVIS 240-539260/4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

VOA Prep

No additional analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Method Summary

Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CAN
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET CAN
5030C	Purge and Trap	SW846	EET CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-171579-1	TRIP BLANK_94	Water	08/12/22 00:00	08/16/22 09:00
240-171579-2	MW-167S_081222	Water	08/12/22 12:05	08/16/22 09:00

Detection Summary

Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_94

No Detections.

Client Sample ID: MW-167S_081222

No Detections.

Job ID: 240-171579-1

Lab Sample ID: 240-171579-1

Lab Sample ID: 240-171579-2

This Detection Summary does not include radiochemical test results.

Client Sample ID: TRIP BLANK_94 Date Collected: 08/12/22 00:00 Date Received: 08/16/22 09:00

Job ID: 240-171579-1

Lab Sample ID: 240-171579-1 Matrix: Water

Matrix: Water

5 6

8 9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/17/22 16:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/17/22 16:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/17/22 16:03	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:03	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/17/22 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		62 - 137			-		08/17/22 16:03	1
4-Bromofluorobenzene (Surr)	88		56 - 136					08/17/22 16:03	1
Toluene-d8 (Surr)	89		78 - 122					08/17/22 16:03	1
Dibromofluoromethane (Surr)	103		73 - 120					08/17/22 16:03	1

Analyte

Analyte

Client Sample ID: MW-167S 081222 Date Collected: 08/12/22 12:05 Date Received: 08/16/22 09:00

Job ID: 240-171579-1

Lab Sample ID: 240-171579-2 **Matrix: Water**

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) Result Qualifier RL MDL Unit Analyzed D Prepared Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 08/20/22 21:04 1 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 66 - 120 08/20/22 21:04 70 1 Method: 8260D - Volatile Organic Compounds by GC/MS 8 Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 08/17/22 16:27 1 cis-1,2-Dichloroethene 1.0 U 0.46 ug/L 08/17/22 16:27 1.0 1 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 08/17/22 16:27 1 trans-1,2-Dichloroethene 1.0 0.51 ug/L 1.0 U 08/17/22 16:27 1 Trichloroethene 1.0 U 1.0 0.44 ug/L 08/17/22 16:27 1 1.0 U Vinyl chloride 0.45 ug/L 08/17/22 16:27 1.0 1 %Recovery Qualifier Limits Prepared Surrogate Dil Fac Analyzed 1,2-Dichloroethane-d4 (Surr) 62 - 137 08/17/22 16:27 98 1 4-Bromofluorobenzene (Surr) 93 56 - 136 08/17/22 16:27 1 78 - 122 Toluene-d8 (Surr) 93 08/17/22 16:27 1 Dibromofluoromethane (Surr) 106 73 - 120 08/17/22 16:27

Surrogate Summary

Method: 8260D - Volatile Organic Compounds by GC/MS Matrix: Water

			Pe	Percent Surrogate Recovery (Accep			
		DCA	BFB	TOL	DBFM		
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)		
240-171570-A-3 MS	Matrix Spike	107	104	101	110		
240-171570-A-3 MSD	Matrix Spike Duplicate	100	90	95	103		
240-171579-1	TRIP BLANK_94	92	88	89	103		
240-171579-2	MW-167S_081222	98	93	93	106		
LCS 240-539260/5	Lab Control Sample	92	91	90	100		
MB 240-539260/8	Method Blank	97	90	91	104		
Surrogate Legend							
DCA = 1,2-Dichloroeth	()						
BFB = 4-Bromofluorob	enzene (Surr)						
TOL = Toluene-d8 (Su	rr)						
DREM - Dibromofluor	omethane (Surr)						

		Percent Surrogate Recovery (Acceptance Limits)
	DCA	
Client Sample ID	(66-120)	
Matrix Spike	75	
Matrix Spike Duplicate	70	
MW-167S_081222	70	
Lab Control Sample	75	
Method Blank	77	
	Matrix Spike Matrix Spike Duplicate MW-167S_081222 Lab Control Sample	Client Sample ID(66-120)Matrix Spike75Matrix Spike Duplicate70MW-167S_08122270Lab Control Sample75

DCA = 1,2-Dichloroethane-d4 (Surr)

Job ID: 240-171579-1

Prep Type: Total/NA

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-539260/8 Matrix: Water

Analysis Batch: 539260

	MB ME	В							
Analyte Res	sult Qu	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0 U		1.0	0.49	ug/L			08/17/22 15:40	1
cis-1,2-Dichloroethene	1.0 U		1.0	0.46	ug/L			08/17/22 15:40	1
Tetrachloroethene	1.0 U		1.0	0.44	ug/L			08/17/22 15:40	1
trans-1,2-Dichloroethene	1.0 U		1.0	0.51	ug/L			08/17/22 15:40	1
Trichloroethene	1.0 U		1.0	0.44	ug/L			08/17/22 15:40	1
Vinyl chloride	1.0 U		1.0	0.45	ug/L			08/17/22 15:40	1

	MB	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		62 - 137		08/17/22 15:40	1
4-Bromofluorobenzene (Surr)	90		56 - 136		08/17/22 15:40	1
Toluene-d8 (Surr)	91		78 - 122		08/17/22 15:40	1
Dibromofluoromethane (Surr)	104		73 - 120		08/17/22 15:40	1

Lab Sample ID: LCS 240-539260/5 Matrix: Water Analysis Batch: 539260

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	21.6		ug/L		108	63 - 134	
cis-1,2-Dichloroethene	20.0	21.4		ug/L		107	77 - 123	
Tetrachloroethene	20.0	23.0		ug/L		115	76 - 123	
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	75 - 124	
Trichloroethene	20.0	22.5		ug/L		113	70 - 122	
Vinyl chloride	20.0	18.8		ug/L		94	60 - 144	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		62 - 137
4-Bromofluorobenzene (Surr)	91		56 - 136
Toluene-d8 (Surr)	90		78 - 122
Dibromofluoromethane (Surr)	100		73 - 120

101

Lab Sample ID: 240-171570-A-3 MS **Matrix: Water** Analysis Batch: 539260

Toluene-d8 (Surr)

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	500	U	10000	10300		ug/L		103	56 - 135	
cis-1,2-Dichloroethene	500	U	10000	10200		ug/L		102	66 - 128	
Tetrachloroethene	500	U	10000	10400		ug/L		104	62 - 131	
trans-1,2-Dichloroethene	500	U	10000	9700		ug/L		97	56 - 136	
Trichloroethene	500	U	10000	10200		ug/L		102	61 - 124	
Vinyl chloride	500	U	10000	10300		ug/L		103	43 - 157	
	MS	MS								
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	107		62 - 137							
4-Bromofluorobenzene (Surr)	104		56 - 136							

Client Sample ID: Lab Control Sample Prep Type: Total/NA

Client Sample ID: Matrix Spike Prep Type: Total/NA

Eurofins Canton

78 - 122

QC Sample Results

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-171570-A-3 MS **Client Sample ID: Matrix Spike** Matrix: Water Prep Type: Total/NA Analysis Batch: 539260 MS MS %Recovery Qualifier Limits Surrogate Dibromofluoromethane (Surr) 110 73 - 120 **Client Sample ID: Matrix Spike Duplicate** Lab Sample ID: 240-171570-A-3 MSD Matrix: Water Prep Type: Total/NA Analysis Batch: 539260 Sample Sample Spike MSD MSD %Rec RPD **Result Qualifier** Added Limits RPD Limit Analyte **Result Qualifier** Unit D %Rec 1,1-Dichloroethene 500 Ū 10000 10900 ug/L 109 56 - 135 6 26 cis-1,2-Dichloroethene 500 U 10000 11300 ug/L 113 66 - 128 10 14 Tetrachloroethene 500 U 10000 11200 ug/L 112 62 - 131 7 20 trans-1.2-Dichloroethene 500 U 10000 10400 104 7 15 ug/L 56 - 136 Trichloroethene 500 U 10000 10600 ug/L 106 61 - 124 4 15 Vinyl chloride 500 U 10000 10700 ug/L 107 43 - 157 4 24 MSD MSD %Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 100 62 - 137 4-Bromofluorobenzene (Surr) 90 56 - 136 Toluene-d8 (Surr) 95 78 - 122 Dibromofluoromethane (Surr) 103 73 - 120 Method: 8260D SIM - Volatile Organic Compounds (GC/MS) Lab Sample ID: MB 240-539584/5 **Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA** Analysis Batch: 539584 MB MB Analyte **Result Qualifier** RL MDL Unit D Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 08/20/22 16:19 MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 77 66 - 120 08/20/22 16:19 1 Lab Sample ID: LCS 240-539584/3 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA Analysis Batch: 539584 Spike LCS LCS %Rec Added Result Qualifier Analyte Unit D %Rec Limits 1,4-Dioxane 10.0 10.4 ug/L 104 80 - 122 LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 66 - 120 75 **Client Sample ID: Matrix Spike** Lab Sample ID: 240-171520-G-3 MS Prep Type: Total/NA Matrix: Water Analysis Batch: 539584 Sample Sample Spike MS MS %Rec **Result Qualifier** Added **Result Qualifier** Limits Analyte Unit D %Rec 1,4-Dioxane 2.0 U 10.0 10.4 ug/L 104 51 - 153

10

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	75		66 - 120									
 Lab Sample ID: 240-1715	20-N-3 MSD					Client	Samn	le ID: N	latrix Spi	ke Dup	licate	2
Matrix: Water						•			Prep Ty			
Analysis Batch: 539584										•		
-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	-
1,4-Dioxane	2.0	U	10.0	10.1		ug/L		101	51 - 153	3	16	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	70		66 - 120									

GC/MS VOA

Analysis Batch: 539260

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
240-171579-1	TRIP BLANK_94	Total/NA	Water	8260D	
240-171579-2	MW-167S_081222	Total/NA	Water	8260D	
MB 240-539260/8	Method Blank	Total/NA	Water	8260D	
LCS 240-539260/5	Lab Control Sample	Total/NA	Water	8260D	
240-171570-A-3 MS	Matrix Spike	Total/NA	Water	8260D	
240-171570-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 539584

Lab Sample ID 240-171579-2	Client Sample ID MW-167S_081222	Prep Type Total/NA	Matrix Water	Method 8260D SIM	Prep Batch
MB 240-539584/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-539584/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-171520-G-3 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-171520-N-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Matrix: Water

Lab Sample ID: 240-171579-1

Client Sample ID: TRIP BLANK_94 Date Collected: 08/12/22 00:00 Date Received: 08/16/22 09:00

	Batch	Batch		Dilution	Batch			Prepared	
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed	
Total/NA	Analysis	8260D		1	539260	AJS	EET CAN	08/17/22 16:03	
lient Sam	ple ID: MW	-167S 08122	2				Lab	Sample ID: 2	240-171579-
Date Collecte	d: 08/12/22 1	2:05							Matrix: Wate
	d: 08/12/22 1 d: 08/16/22 0								Matrix: Wate
				Dilution	Batch			Prepared	Matrix: Wate
ate Receive	d: 08/16/22 0	9:00	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed	Matrix: Wate
	d: 08/16/22 0 Batch	9:00 Batch	Run		Number		Lab EET CAN	•	Matrix: Wate

Laboratory References:

EET CAN = Eurofins Canton, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

12 13

Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site

Laboratory: Eurofins Canton

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date	
California	State	2927	02-27-23	
Connecticut	State	PH-0590	12-31-23	
Florida	NELAP	E87225	06-30-23	
Georgia	State	4062	02-27-23	
Illinois	NELAP	200004	07-31-23	
owa	State	421	06-01-23	
Kentucky (UST)	State	112225	02-27-23	
Kentucky (WW)	State	KY98016	12-31-22	
Minnesota	NELAP	039-999-348	12-31-22	
Minnesota (Petrofund)	State	3506	08-01-23	
New Jersey	NELAP	OH001	06-30-23	
New York	NELAP	10975	04-01-23	
Ohio	State	8303	02-23-23	
Ohio VAP	State	CL0024	02-27-23	
Oregon	NELAP	4062	02-27-23	
Pennsylvania	NELAP	68-00340	08-31-23	
Texas	NELAP	T104704517-22-17	08-31-22	
Virginia	NELAP	11570	09-14-22	
Washington	State	C971	01-12-23	
West Virginia DEP	State	210	12-31-22	

	Chair TestAmerica Laboratory location: Brighton — 10448 Citati	Chain of Custody Kecord 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763	0-229-2763	
Client Contact	Regulatory program: DW	RCRA Other	ler	
Company Name: Arcadis	Client Project Manager: Kris Hinskey		ah Contact: Milea DalMonico	TestAmerica Laboratories, Inc.
Address: 28550 Cabot Drive, Suite 500			LAUX COMMERCE FEINWILLU	
City/State/Záp: Novi, MI, 48377	I elephone: 269-832-7478	Telephone: 248-994-2329	Telephone: 330-966-9783	1 of 1 COCs
Phone: 248-994-2240	Email: Kristoffer.Hinskey@arcadis.com	Analysis Lurnaround Lime	Analyses	For lab use only
Project Name: Ford LTP Off-Site	Sampler Name: Scivit Su Corig	TAT if different from below 3 weeks 10 day ~ 2 weeks		Walk-in client Lab sampline
Project Number: 30080642.402.04	Carrier:	1 week Z)	(0
PC) # 30080642.402.04	Shipping/Tracking No:	/ <u>)</u> əlqı	e 82600 CE 8260 8260D	Job/SDG No:
Sample Identification	Sample Date Sample Time Advecus	Comparent Pillered Sam Unper: Na.0H HO2 HV03 HV03 HV04 HV03 HV03 HV03 HV03 HV04 HV03 HV03 HV03 HV04 HV04 HV04 HV03 HV03 HV04 HV04 HV03 HV03 HV03 HV03 HV03 HV03 HV03 HV03	1,1-DCE 826 cis-1,2-DCE Trans-1,2-DC PCE 8260D TCE 8260D Vinyl Chlorid Vinyl Chlorid Vinyl Chlorid	Sample Specific Notes / Special Instructions:
TRIP BLANK_94	8/12/22 X	2 7		1 Trip Blank
275180-267 - WW	08/17/205 X	R NG	XX XX XX	3 VOAs for 8260D
Page 17				
			240-171579 Chain of Custody	
Possible Hazard Identification	Skin Irritant	Sample Disposal (A fee may be assessed i Return to Client Usposal B:	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return to Client & Disposal BV Lab Archive For Fan 1 months	
ions/QC Requirements & Comment se: ifts through Cadena at jtomalla ting requested.	Front 2005 1910			
Relinquished by: Scirin Sin Kigi 19	adis	ALLO RECEIVED by: COL	O Star, Company	Date Time: 12 /22/10/0
Relinquished by: Relinquished by:	Company: Congany: Company: Com	1005 Received by Reperind in Jaborator With	Company: Company: Au Company: E ETNC	1345/11me 8/1222/21 1346/11mm
10000 Teadman Accounts for An Your and a Contract according for the Second Accounts for a second according to the Second Se	1	0		

Page 17 of 19

8/29/2022

Eurofins - Canton Sample Receipt Form/Narrative	Login # :	17157	9
Barberton Facility			1 11
Client Arcadis Site Name Ford - Li	VONICO	Cooler un	packed by:
Cooler Received on $F - 16 - 22$ Opened on $F - 16 - 2$	2	N C	MO
FedEx: 1st Grd (Exp) UPS FAS Clipper Client Drop Off Eurofins	Courier Ot	her	
Receipt After-hours: Drop-off Date/Time Stor	age Location		
Packing material used: Bubble Wrap Foam Plastic Bag None			
COOLANT: Wet Ice Blue Ice Dry Ice Water None			
	Aultiple Cooler Fo		
IR GUN# IR-13 (CF +0.7 °C) Observed Cooler Temp°C Cor			°C
IR GUN #IR-15 (CF 0.0°C) Observed Cooler Temp°C Corr	5		°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity		No	Tests that are not
-Were the seals on the outside of the cooler(s) signed & dated?	-	No NA	checked for pH by
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)		No	Receiving:
-Were tamper/custody seals intact and uncompromised?		No NA	VOAs
3. Shippers' packing slip attached to the cooler(s)?	76.34	No	Oil and Grease
Did custody papers accompany the sample(s)?) No	TOC
Were the custody papers relinquished & signed in the appropriate place?	\sim	No	
5. Was/were the person(s) who collected the samples clearly identified on the		No No	
2. Did all bottles arrive in good condition (Unbroken)?			
 Could all bottle labels (ID/Date/Time) be reconciled with the COC? For each sample, does the COC specify preservatives (X)N), # of container. 		No No	mab/comp(PN)?
0. Were correct bottle(s) used for the test(s) indicated?1. Sufficient quantity received to perform indicated analyses?		No No	
2. Are these work share samples and all listed on the COC?		No	
If yes, Questions 13-17 have been checked at the originating laboratory.	1 65		
3. Were all preserved sample(s) at the correct pH upon receipt?	Ves	No (NA) p	H Strip Lot# HC286797
4. Were VOAs on the COC?		No No	11 onip 200
5. Were air bubbles >6 mm in any VOA vials? Larger than this.		NO NA	
6. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # $\bigcirc \bigvee e$	ered kes	No	
7. Was a LL Hg or Me Hg trip blank present?	Yes	No	
	via Verbal V	oice Mail Oth	er
Contacted PM Date by			
Contacted PM Date by			
Concerning	al next page	Samples pro	cessed by:
Concerning	al next page	Samples pro	cessed by:
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Concerning			
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Log

jin # :	71579
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			Sample Receipt Mu	and the second s	
	escription	IR Gun #	Observed	Corrected	Coolant (Circle)
		(Circle)	Temp °C	Temp °C	(Wetice) Blue ice Dry ic
	Box Other	IR-13 IR-15 IR-13 IR-15	3.0	3.7	Wet Ice) Blue Ice Dry Ic
(1A) Client	Box Other		3.8	3.8	Water None
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TA Client	Box Other	IR-13 IR-15			Wetice Blue ice Dry ic Water None
TA Client	Box Other	IR-13 IR-15			Wet ice Sive ice Dry ic Water None
TA Client	Box Other	IR-13 IR-15			Wet Ice Sive Ice Dry Ic Water None
TA Client	Box Other	IR-13 IR-15			Wet ice Blue ice Dry ice
TA Client	Box Other	IR-13 IR-15			Water None Wet ice Blue ice Dry ice
TA Client	Box Other	IR-13 IR-15			Water None Wet Ice Blue Ice Dry Ice
		IR-13 IR-15		<u> </u>	Water None Wet Ice Blue Ice Dry Ice
TA Client	Box Other	IR-13 IR-15			Water None Wetice Silve ice Dry ice
TA Client	Box Other	IR-13 IR-15			Water None Wet ice Blue ice Dry ice
TA Client	Box Other				Water None
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TA Client	Box Other	IR-13 IR-15	-		Water None Wet Ice Blue Ice Dry Ice
TA Client	Box Other	IR-13 IR-15			Water None Wet Ice Blue Ice Dry Ice
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TA Client	Box Other	IR-13 IR-15			Wet Ice Blue Ice Dry Ice Water None
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TA Client		IR-13 IR-15		in signal and a second s	Water None Wet Ice Silve Ice Dry Ice
	Box Other	IR-13 IR-15		<u> </u>	Water None Wetice Blueice Dryice
TA Client	Box Other			See Tem	Water None

WI-NC-099 Cooler Receipt Form Page 2 - Multiple Coolers

14

DATA VERIFICATION REPORT



August 29, 2022

Kris Hinskey Arcadis Inc 10559 Citation Ave Suite 100 Brighton, MI 48116

CADENA project ID: E203631 Project: Ford Livonia Transmission Project - OFF-SITE - Soil Gas and Groundwater Project number: 30080642.402.04 Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Barberton Laboratory submittal: 171579-1 Sample date: 2022-08-12 Report received by CADENA: 2022-08-29 Initial Data Verification completed by CADENA: 2022-08-29 Number of Samples:2 Sample Matrices:Water Test Categories:GCMS VOC Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

There were no significant QC anomalies or exceptions to report.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at <u>http://clms.cadenaco.com/index.cfm</u>.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
В	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
Е	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than $5x$ (or $10x$ for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than $10x$ the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

Analytical Results Summary

CADENA Project ID: E203631

Laboratory: Eurofins Environment Testing LLC - Barberton Laboratory Submittal: 171579-1

		Sample Name: Lab Sample ID: Sample Date:	TRIP BLANK_94 2401715791 8/12/2022				MW-167S_081222 2401715792 8/12/2022				
			_	Report		Valid		Report		Valid	
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	
GC/MS VOC											
<u>OSW-826</u>	<u>0D</u>										
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l		ND	1.0	ug/l		
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l		ND	1.0	ug/l		
	Tetrachloroethene	127-18-4	ND	1.0	ug/l		ND	1.0	ug/l		
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l		ND	1.0	ug/l		
	Trichloroethene	79-01-6	ND	1.0	ug/l		ND	1.0	ug/l		
	Vinyl chloride	75-01-4	ND	1.0	ug/l		ND	1.0	ug/l		
<u>OSW-826</u>	<u>ODSIM</u>										
	1,4-Dioxane	123-91-1					ND	2.0	ug/l		



Ford Motor Company – Livonia Transmission Project

DATA REVIEW

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-171579-1

CADENA Verification Report: 2022-08-29

Analyses Performed By: TestAmerica North Canton, Ohio

Report # 46904R Review Level: Tier III Project: 30146655.402.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-171579-1 for samples collected in association with the Ford – Livonia, Michigan site. The review was conducted as a Tier III validation in addition to a verification/Tier II validation review performed by CADENA Inc. and included review of level IV laboratory data package completeness. Only elements of a Tier III validation effort (Tier III) includes a detailed review of laboratory raw data to check for errors in calculation, calibration review, internal standard review and compound identification) and omitted deviations from the CADENA verification/Tier II report are documented in this report. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

			Sample Collection		Ana	lysis	
Sample ID	Lab ID	Matrix	Date	Parent Sample	voc	VOC SIM	
TRIP BLANK_94	240-171579-1	Water	08/12/22		х		
MW-167S_081222	240-171579-2	Water	08/12/22		Х	Х	

ANALYTICAL DATA PACKAGE DOCUMENTATION

The table below is the evaluation of the data package completeness.

Items Reviewed	Rep	orted		mance ptable	Not
	No	Yes	No	Yes	Required
1. Sample receipt condition		Х		Х	
2. Requested analyses and sample results		Х		Х	
3. Master tracking list		Х		Х	
4. Methods of analysis		Х		Х	
5. Reporting limits		Х		Х	
6. Sample collection date		Х		Х	
7. Laboratory sample received date		Х		Х	
8. Sample preservation verification (as applicable)		Х		Х	
9. Sample preparation/extraction/analysis dates		Х		Х	
10. Fully executed Chain-of-Custody (COC) form		Х		Х	
11. Narrative summary of Quality Assurance or sample problems provided		х		х	
12. Data Package Completeness and Compliance		Х		Х	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260D and 8260D SIM. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
 - B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- Quantitation (Q) Qualifiers
 - E The compound was quantitated above the calibration range.
 - D Concentration is based on a diluted sample analysis.
- Validation Qualifiers
 - J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
 - UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
 - J+ The result is an estimated quantity, but the result may be biased high.
 - J- The result is an estimated quantity, but the result may be biased low.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260D/8260D-SIM	Water	14 days from collection to analysis	Cool to < 6 °C; pH < 2 with HCl

All samples were analyzed within the specified holding time criteria.

2. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable and all analyses were performed within a 12-hour tune clock.

System performance and column resolution were acceptable.

3. Calibration

Satisfactory instrument calibration is established to ensure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

3.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (20%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

All compounds associated with the initial calibrations were within the specified control limits.

3.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample ID	Initial / Continuing	Compound	Criteria
TRIP BLANK_94 MW-167S_081222	Continuous Calibration Verification %D	Tetrachloroethene	22.6%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
		Non-detect	R
Initial and Continuing	RRF <0.05	Detect	J
Calibration		Non-detect	R
	RRF <0.01 ¹	Detect	J

DATA REVIEW

Initial/Continuing	Criteria	Sample Result	Qualification		
		Non-detect	No. Action		
	RRF >0.05 or RRF >0.01 ¹	Detect	No Action		
	%RSD > 20% or a correlation coefficient	Non-detect	UJ		
	<0.99	Detect	J		
Initial Calibration		Non-detect	R		
	%RSD > 90%	Detect J			
		Non-detect	No Action		
	%D >20% (increase in sensitivity)	Detect	J		
		Non-detect	UJ		
Continuing Calibration	%D >20% (decrease in sensitivity)	Detect J			
		Non-detect	R		
	%D > 90% (increase/decrease in sensitivity)	Detect	J		

Note:

¹RRF of 0.01 only applies to compounds which are typically poor responding compounds

4. Internal Standard Performance

Internal standard performance criteria ensure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria require the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard responses were within control limits.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

A field duplicate sample was not collected for samples from this SDG.

6. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

No compounds were detected in the samples within this SDG.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA REVIEW

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: 8260D/8260D-SIM	Rep	orted		rmance ptable	Not Required
	No	Yes	No	Yes	Requireu
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)				
Tier II Validation					
Holding times/Preservation		Х		X	
Tier III Validation					
System performance and column resolution		Х		X	
Initial calibration %RSDs		Х		Х	
Continuing calibration RRFs		Х		Х	
Continuing calibration %Ds		Х	Х		
Instrument tune and performance check		Х		Х	
lon abundance criteria for each instrument used		Х		Х	
Field Duplicate RPD	Х				Х
Internal standard		Х		Х	
Compound identification and quantitation					
A. Reconstructed ion chromatograms		Х		Х	
B. Quantitation Reports		Х		Х	
C. RT of sample compounds within the established RT windows		Х		Х	
D. Transcription/calculation errors present		Х		Х	
E. Reporting limits adjusted to reflect sample dilutions		Х		Х	
Notes:					

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Vinayak Hegde
SIGNATURE:

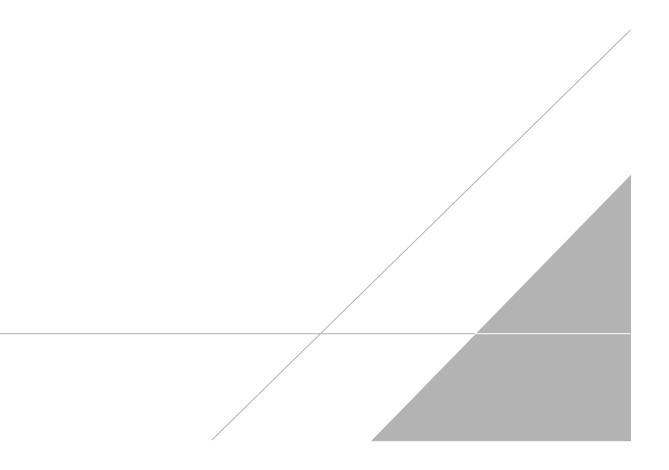
DATE: September 29, 2022

PEER REVIEW: Andrew Korycinski

DATE: September 29, 2022

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS



Chain of Custody Record



TestAmerica Laboratory location: Brighton - 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763

Client Contact Company Name: Arcadis	-	tory program			DW		NPDE		1	RCRA		Oth												TestAmerica Laboratories
Address: 28550 Cabot Drive, Suite 500	Client Project	Manager: Kris	Hinskey	1		Site	Contac	t: Chr	ristina	Weaver				Lab Co	ntaci	: Mike	Dell	Monico	D					COC No:
	Telephone: 26	-832-7478				Tele	ephone:	248-9	94-232	9				Telephone: 330-966-9783										
City/State/Zip: Novi, MI, 48377	Email: Kristof	fer Hinskev(a)	readis c	om		+-	Analys	is Turi	narour	dTime		-	-	Analyses							1 of 1 COCs For lab use only			
hone: 248-994-2240															Т			laiy st		1		Т	-	For lab use only
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	Jam Jucaria				0 day		2 wee															Lab sampling		
Project Number: 30080642.402.04	Method of Ship	Method of Shipment/Carrier:						1 wee 2 day		2	9			8				SIM						
PO # 30080642.402.04	Shipping/Traci	ing No:							I day		Sample (Y / N)	Grab=G		00	8260D			Chloride 8260D	000					Job/SDG No:
				Mat	rix	-	Contai	ners &	Preser	atives	- la	- C	1,1-DCE 8260D	cis-1,2-DCE 8260D	빙			de 8	4-Dioxane 8260D					
			T	-				T		1	d Sa	site=	E 82	Ö	5-1	SEOC	600	hlori	xane				ł	
				Sediment	Solid Other:	H2SO4	HN03	HOW	D H	Unpres Other:	Filtered	Composite	Ą	-1.2	Trans-1,2-DCE	PCE 8260D	TCE 8260D	NO	-D					Sample Specific Notes / Special Instructions:
Sample Identification	Sample Date	Sample Time	Air A	Sed	Solid	Ē	ONH	Z.	ZnAc/ NaOH	5 8	E	ů	12	CIS	Tra	2	۴	Viny	1,4					operational actions.
TRIP BLANK_94	8/12/22			X			1	-			N	16	X	X	X	X	x	X						1 Trip Blank
MW-1675-081222	08/12/22	12.05	2	<			6	5				6	X	X	×	X	X	X	X					3 VOAs for 8260D 3 VOAs for 8260D SI
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Possible Hazard Identification Image: Non-Hazard Flammable Skin Irrit	tant Poise	n D	Unkno			S	ample	Dispos	al (A	ee may l	be asse	ssed it	f samp					han 1 r						
inacial Instructions/OC Beguinements & Comments			UIKIO	wn		_	Re	turn to	Client		Dispo	osal B	y Lab	F	Ar	chive F	or		Mo	onths			_	
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8/29/2022



Client Sample ID: TRIP BLANK_94 Date Collected: 08/12/22 00:00 Date Received: 08/16/22 09:00

Job ID: 240-171579-1

Lab Sample ID: 240-171579-1 Matrix: Water

Matrix: Water

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8 9

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/17/22 16:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/17/22 16:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/17/22 16:03	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:03	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/17/22 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		62 - 137			-		08/17/22 16:03	1
4-Bromofluorobenzene (Surr)	88		56 - 136					08/17/22 16:03	1
Toluene-d8 (Surr)	89		78 - 122					08/17/22 16:03	1
Dibromofluoromethane (Surr)	103		73 - 120					08/17/22 16:03	1

Dibromofluoromethane (Surr)

Client Sample ID: MW-167S_081222 Date Collected: 08/12/22 12:05 Date Received: 08/16/22 09:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/20/22 21:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	70		66 - 120			-		08/20/22 21:04	1
Method: 8260D - Volatile O	rganic Compo	unds hv G	C/MS						
Analyte	-	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/17/22 16:27	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/17/22 16:27	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:27	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/17/22 16:27	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/17/22 16:27	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/17/22 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137			-	-	08/17/22 16:27	1
4-Bromofluorobenzene (Surr)	93		56 - 136					08/17/22 16:27	1
Toluene-d8 (Surr)	93		78 - 122					08/17/22 16:27	1

73 - 120

106

Job ID: 240-171579-1

Lab Sample ID: 240-171579-2 Matrix: Water

08/17/22 16:27