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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: 240-167065-1

Client Project/Site: Ford LTP - Off Site

For:

..... Links

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Ask— The Expert ARCADIS U.S., Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

Attn: Kristoffer Hinskey

Mole Del your

Authorized for release by: 6/6/2022 10:18:59 AM

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.

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Qualifiers

GC/MS VO	Α	
Qualifier	Qualifier Description	
F1	MS and/or MSD recovery exceeds control limits.	
U	Indicates the analyte was analyzed for but not detected.	5

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
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)
TNTC	Too Numerous To Count

Job ID: 240-167065-1

Laboratory: Eurofins Canton

Narrative

Job Narrative 240-167065-1

Case Narrative

Comments

No additional comments.

Receipt

The samples were received on 5/21/2022 8:00 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 0.9° C and 1.2° C.

GC/MS VOA

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

VOA Prep

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

Job ID: 240-167065-1

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	TAL CAN
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-167065-1	TRIP BLANK_52	Water	05/19/22 00:00	05/21/22 08:00
240-167065-2	MW-145S_051922	Water	05/19/22 11:50	05/21/22 08:00

Detection Summary

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

Client Sample ID: TRIP BLANK_52

No Detections.

Client Sample ID: MW-145S_051922

No Detections.

Lab Sample ID: 240-167065-1

Lab Sample ID: 240-167065-2

This Detection Summary does not include radiochemical test results.

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Client Sample ID: TRIP BLANK_52 Date Collected: 05/19/22 00:00 Date Received: 05/21/22 08:00

Lab Sample ID: 240-167065-1

Matrix: Water

5 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/01/22 13:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/01/22 13:05	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/01/22 13:05	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:05	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/01/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		62 - 137			-		06/01/22 13:05	1
4-Bromofluorobenzene (Surr)	98		56 - 136					06/01/22 13:05	1
Toluene-d8 (Surr)	101		78 - 122					06/01/22 13:05	1
Dibromofluoromethane (Surr)	114		73 - 120					06/01/22 13:05	

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Analyte

1,4-Dioxane

Client Sample ID: MW-145S_051922 Date Collected: 05/19/22 11:50 Date Received: 05/21/22 08:00

Method: 8260D SIM - Volatile Organic

nic Coı	mpounds	(GC/MS)					
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed
2.0	U	2.0	0.86	ug/L			06/01/22 01:57

					U U					
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	86		66 - 120					06/01/22 01:57	1	
Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	8
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/01/22 13:27	1	
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/01/22 13:27	1	
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:27	1	
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/01/22 13:27	1	
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:27	1	
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/01/22 13:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	122		62 - 137					06/01/22 13:27	1	
4-Bromofluorobenzene (Surr)	96		56 - 136					06/01/22 13:27	1	
Toluene-d8 (Surr)	99		78 - 122					06/01/22 13:27	1	
Dibromofluoromethane (Surr)	113		73 - 120					06/01/22 13:27	1	
-										

Dil Fac

1

Job ID: 240-167065-1

Lab Sample ID: 240-167065-2 Matrix: Water

Surrogate Summary

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

Client Sample ID RIP BLANK_52	DCA (62-137)	Pe BFB (56-136)	ercent Surro TOL	ogate Recovery (Ac DBFM	ceptance Limits)
RIP BLANK_52	(62-137)		TOL	DBFM	
RIP BLANK_52		(56-136)			
—		()	(78-122)	(73-120)	
111 1458 051022	124	98	101	114	
/W-145S_051922	122	96	99	113	
/atrix Spike	115	95	99	111	
Aatrix Spike Duplicate	116	95	97	110	
ab Control Sample	105	92	97	106	
lethod Blank	116	93	95	108	
4 (Surr)					
ne (Surr)					
ane (Surr)					
Valatila Oracicia	Compours				
volatile Organic	Compound	as (GC/	VIS)		
					Prep Type: Total/N
.a	ab Control Sample ethod Blank I (Surr) e (Surr) ane (Surr)	ab Control Sample 105 ethod Blank 116 I (Surr) e (Surr) ane (Surr)	ab Control Sample 105 92 ethod Blank 116 93 I (Surr) e (Surr) ane (Surr)	ab Control Sample 105 92 97 ethod Blank 116 93 95	ab Control Sample 105 92 97 106 ethod Blank 116 93 95 108 I (Surr) e (Surr) ane (Surr)

	Percent Surrogate Recovery (Acceptance Limits)						
		DCA					
Lab Sample ID	Client Sample ID	(66-120)					
240-167065-2	MW-145S_051922	86					
240-167067-G-2 MS	Matrix Spike	88					
240-167067-M-2 MSD	Matrix Spike Duplicate	89					
LCS 240-528626/3	Lab Control Sample	86					
MB 240-528626/4	Method Blank	87					
Surrogate Legend							

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

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Job ID: 240-167065-1

Prep Type: Total/NA

Client Sample ID: Method Blank

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

Lab Sample ID: MB 240-528681/8 Matrix: Water

Analysis Batch: 528681

MB	MB							
Analyte Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene 1.0	U	1.0	0.49	ug/L			06/01/22 10:08	1
cis-1,2-Dichloroethene 1.0	U	1.0	0.46	ug/L			06/01/22 10:08	1
Tetrachloroethene 1.0	U	1.0	0.44	ug/L			06/01/22 10:08	1
trans-1,2-Dichloroethene 1.0	U	1.0	0.51	ug/L			06/01/22 10:08	1
Trichloroethene 1.0	U	1.0	0.44	ug/L			06/01/22 10:08	1
Vinyl chloride 1.0	U	1.0	0.45	ug/L			06/01/22 10:08	1

	MB	МВ				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		62 - 137		06/01/22 10:08	1
4-Bromofluorobenzene (Surr)	93		56 - 136		06/01/22 10:08	1
Toluene-d8 (Surr)	95		78 - 122		06/01/22 10:08	1
Dibromofluoromethane (Surr)	108		73 - 120		06/01/22 10:08	1

Lab Sample ID: LCS 240-528681/5 Matrix: Water Analysis Batch: 528681

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	21.2		ug/L		106	63 - 134	
cis-1,2-Dichloroethene	20.0	20.7		ug/L		104	77 - 123	
Tetrachloroethene	20.0	18.9		ug/L		95	76 - 123	
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	75 - 124	
Trichloroethene	20.0	19.5		ug/L		97	70 - 122	
Vinyl chloride	20.0	19.6		ug/L		98	60 - 144	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	106		73 - 120

99

Lab Sample ID: 240-167067-K-2 MS Matrix: Water Analysis Batch: 528681

Toluene-d8 (Surr)

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1-Dichloroethene	1.0	U	20.0	16.2		ug/L		81	56 - 135
cis-1,2-Dichloroethene	1.0	U	20.0	18.1		ug/L		90	66 - 128
Tetrachloroethene	1.0	U F1	20.0	11.9	F1	ug/L		60	62 - 131
trans-1,2-Dichloroethene	1.0	U	20.0	17.2		ug/L		86	56 - 136
Trichloroethene	1.0	U	20.0	14.6		ug/L		73	61 - 124
Vinyl chloride	1.0	U	20.0	16.7		ug/L		83	43 - 157
	MS	MS							
Surrogate	%Recovery	Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	115		62 - 137						
4-Bromofluorobenzene (Surr)	95		56 - 136						

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

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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78 - 122

QC Sample Results

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

Lab Sample ID: 240-167067-K-2 MS **Client Sample ID: Matrix Spike** Matrix: Water Prep Type: Total/NA Analysis Batch: 528681 MS MS %Recovery Qualifier Limits Surrogate Dibromofluoromethane (Surr) 111 73 - 120 **Client Sample ID: Matrix Spike Duplicate** Lab Sample ID: 240-167067-N-2 MSD Matrix: Water Prep Type: Total/NA Analysis Batch: 528681 Sample Sample Spike MSD MSD %Rec RPD **Result Qualifier** Added Limits RPD Limit Analyte **Result Qualifier** Unit D %Rec 1.0 U 1,1-Dichloroethene 20.0 16.4 ug/L 82 56 - 135 1 26 cis-1,2-Dichloroethene 1.0 U 20.0 18.3 ug/L 92 66 - 128 2 14 Tetrachloroethene 1.0 UF1 20.0 13.4 ug/L 67 62 - 131 12 20 trans-1.2-Dichloroethene 1.0 U 20.0 17.1 86 15 ug/L 56 - 136 1 Trichloroethene 1.0 U 20.0 14 8 ug/L 74 61 - 124 1 15 Vinyl chloride 1.0 U 20.0 16.6 ug/L 83 43 - 157 24 1 MSD MSD %Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 116 62 - 137 4-Bromofluorobenzene (Surr) 95 56 - 136 Toluene-d8 (Surr) 97 78 - 122 Dibromofluoromethane (Surr) 110 73 - 120 Method: 8260D SIM - Volatile Organic Compounds (GC/MS) Lab Sample ID: MB 240-528626/4 **Client Sample ID: Method Blank Matrix: Water Prep Type: Total/NA** Analysis Batch: 528626 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 05/31/22 20:47 MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 87 66 - 120 05/31/22 20:47 1 Lab Sample ID: LCS 240-528626/3 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA Analysis Batch: 528626 Spike LCS LCS %Rec Added Result Qualifier Analyte Unit D %Rec Limits 1,4-Dioxane 10.0 11.7 ug/L 117 80 - 122 LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 66 - 120 86 **Client Sample ID: Matrix Spike** Lab Sample ID: 240-167067-G-2 MS Prep Type: Total/NA Matrix: Water Analysis Batch: 528626 Sample Sample Spike MS MS %Rec **Result Qualifier** Added **Result Qualifier** Limits Analyte Unit D %Rec 1,4-Dioxane 2.0 U 10.0 10.9 ug/L 109 51 - 153

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

	MS	MS										
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	88		66 - 120									
Lab Sample ID: 240-1670	67-M-2 MSD					Client	Samp	le ID: N	latrix Spil	ke Dup	licate	
Matrix: Water									Prep Ty			
Analysis Batch: 528626												
	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	11.9		ug/L		119	51 - 153	9	16	
	MSD	MSD										
Surrogate	%Recovery	Qualifier	Limits									
1,2-Dichloroethane-d4 (Surr)	89		66 - 120									-

QC Association Summary

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

GC/MS VOA

Analysis Batch: 528626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-167065-2	MW-145S_051922	Total/NA	Water	8260D SIM	
MB 240-528626/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-528626/3	Lab Control Sample	Total/NA	Water	8260D SIM	
240-167067-G-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-167067-M-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-167065-1	TRIP BLANK_52	Total/NA	Water	8260D	
240-167065-2	MW-145S_051922	Total/NA	Water	8260D	
MB 240-528681/8	Method Blank	Total/NA	Water	8260D	
LCS 240-528681/5	Lab Control Sample	Total/NA	Water	8260D	
240-167067-K-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-167067-N-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Job ID: 240-167065-1

Matrix: Water

Lab Sample ID: 240-167065-1

Client Sample ID: TRIP BLANK_52 Date Collected: 05/19/22 00:00 Date Received: 05/21/22 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D			528681	06/01/22 13:05	TJL1	TAL CAN
	ple ID: MW d: 05/19/22 1	/-145S_05192 1:50	22				Lab Sa	mple ID: 240-1670 Matrix:
	d: 05/21/22 0							
-	Batch	Batch		Dilution	Batch	Prepared		

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	528681	06/01/22 13:27	TJL1	TAL CAN
Total/NA	Analysis	8260D SIM		1	528626	06/01/22 01:57	CS	TAL CAN

Laboratory References:

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

Eurofins Canton

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

Laboratory: Eurofins Canton

Authority	Program	Identification Number	Expiration Date	
California	State	2927	02-27-23	
Connecticut	State	PH-0590	12-31-23	
Florida	NELAP	E87225	06-30-22	
Georgia	State	4062	02-23-22 *	
Illinois	NELAP	200004	07-31-22	
lowa	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	06-30-22	
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	08-31-22	
Texas	NELAP	T104704517-22-16	08-31-22	
Virginia	NELAP	11570	09-14-22	
Washington	State	C971	01-12-23	
West Virginia DEP	State	210	12-31-22	

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

MICHIUALN 190	Chain of Cus TetAmerica Laboratory Location AddA Citation Drive Su	Chain of Custody Record		TestAmerica
Client Contact	-	DES RCRA Other		HE LEADER IN ENVIRONMENTAL TESTING
Company Name: Arcadis	Client Project Manager: Kris Hinskey Site Conta	Site Contact: Christina Weaver	Lab Contact: Mike DelMonico	TestAmerica Laboratories, Inc. ICOC No:
Address: 28550 Cabot Drive, Suite 500	Telephone: 269-832-7478 Telephone	Telephone: 248-994-2329 Telephone:	Telephone: 330-966-9783	
City/State/Z4p: Novi, MII, 48377	Email: Kristoffer.Hinskev@arcadis.com	Time	Analyses	1 of 1 COCs For lab use and
Project Name: Ford LTP OIF-Site Project Number: 30080642.402.04	Sampler Name; CM/ISPety CDV/V Ide 10 day Method of Shinnen/Carrier:	ent from below 3 weeks 2 weeks 1 weeks	V	Walk-in client Lab sampling
	Shipping/Tracking No:	60D 60D		Job/SDG No:
Sample Identification	Sediment Altroit Sediment Altroit Altr	HUC3 Ano 3 Composite C / Composite C / C / C / C / C / C / C / C /	CE 8560D 4-Dioxane 826	Sample Specific Notes / Special Instructions:
TRIP BLANK_		NG X	×	1 Trip Blank
Mw-1455 05922	S/19/14/1150 10	K NGRK	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	3 VOAs for 8260D 3 VOAs for 8260D SIM
			240-167065 Chain of Custody	
Possible Hazard Identification		o Niemosa (A foo mean because in the second s		
 Non-Hazard 「Flammable Skin Irritant 「Poison B Special Instructions/OC Requirements & Comments: Sample Address: 1268子 STARK Submit all results through Cadena at Jtomalia@cadenaco.com. Cadena #E203631 Level IV Reporting requested. 	C Unknown	Sample Ursposal (A ree may be assessed it samples are retained longer than 1 month). T Return to Client 🕑 Disposal By Lab T Archive For F Mon	red longer than 1 month) rchive For F Months	
Soutes	celis	ustrey (0) Strage	Company: Areadic	Date/Time:
Rife -	Company: Compan	Rec	Company: Company:	Date Time. 5/20/72 (CO) Date Time: Date Time:
162008 TestAngena Laborationes, Inc. All rytis reserved.				

6/6/2022

Barberton Facility	le Receipt Form/Narrati	ve	Login	#: 14 7 00	<u>~</u>
lient Accadis	Sit	e Name For	1 LTP	Cooler un	packed by:
ooler Received on 5		ened on 5-2		On	ve
edEx: 1 st Grd Exp U			rofins Courier	Other	
eceipt After-hours: Drop			Storage Locatio		
		nt Cooler Box			······
Packing material used			None Other		
		lce Water			
Cooler temperature upo			See Multiple Coole	er Form	
	0.0 °C) Observed Cooler				С
IR GUN #IR-15 (CF	-0.7°C) Observed Cooler	r Temp°(Corrected Coo	ler Temp	°C
	eals on the outside of the co			Ves No	
	e outside of the cooler(s) sig			Yes No NA	Tests that are not
	y seals on the bottle(s) or bo		leHg)?	Yes No	checked for pH by Receiving:
	y seals intact and uncompro	-		Ver No NA	Accerning.
Shippers' packing slip a				Yes No	VOAs
Did custody papers acco	ompany the sample(s)?		- (Yes No	Oil and Grease
Were the custody paper	s relinquished & signed in t	he appropriate pla	ce?	Yes No	TOC
Was/were the person(s)	who collected the samples	clearly identified of	on the COC?	Ves No	
Did all bottles arrive in	good condition (Unbroken)	?	(Yes No	
	ID/Date/Time) be reconcile		\frown	Ver No	
For each sample, does t	he COC specify preservativ	es (YN) , # of con	tainers (Y/N), an	nd sample type of g	grab/comp(Y/N)?
. ,	sed for the test(s) indicated			Ves No	
	ived to perform indicated ar			Kes No	
	mples and all listed on the (Yes No	
	have been checked at the o				
	ple(s) at the correct pH upor	n receipt?			H Strip Lot# HC157842
4. Were VOAs on the CO				No No	
5. Were air bubbles >6 mi	present in the cooler(s)? Tr	Larger than		Yes No NA	
	g trip blank present?			Yes No	
				\mathbf{O}	
ontacted PM	Date	by	via Verba	al Voice Mail Oth	ner
oncerning					
CHAIN OF CUSTOD	Y & SAMPLE DISCREP	ANCIES ad	ditional next pag	e Samples pro	cessed by:
a climit of cobrod			unional new pug	bumpies pro	
mple(s)	were			nolding time had e	xpired.
ample(s) ample(s)	were		were rece	ived in a broken c	ontainer.
ample(s) ample(s)	were		were rece	ived in a broken c	ontainer.
ample(s) ample(s) ample(s)	were		were rece	ived in a broken c	ontainer.
ample(s)ample(s)	were	were received	were rece with bubble >6 n	ived in a broken commin diameter. (N	ontainer. lotify PM)

Login #: 167065

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Cooler Description		n Sample Receipt Mu Observed	Corrected	Coolant
(Circle)	(Dircle)	Temp °C	Temp °C	(Circle)
LA Client Box Oth				Wet Ice Blue Ice Dry
×	IR.13 JR.15	1.2	1.2	Wet Ice Sive Ice Dry
TA Client Box Oth	er (0.9	0.4	Water None
TA Client Box Oth	H IR-13 IR-15			Wet Ice Sive Ice Dry Water None
TA Client Box Oth	IR-13 IR-15			Wet ice Sive ice Dry Water None
TA Client Box Oth	IR-13 IR-15		<u> </u>	Wet Ice Blue Ice Dry
	IR.13 IR.15			Water None Wet Ice Blue Ice Dry
TA Client Box Oth	IR-13 IR-15			Water None Wetice Sive ice Dry
TA Client Box Oth	M			Water None
TA Client Box Oth	H IR-13 IR-15			Wet Ice Blue Ice Dry Water None
TA Client Box Oth	HR-13 IR-15			Wet ice Blue ice Dry Water None
TA Client Box Oth	IR-13 IR-15			Wet Ice Blue Ice Dry WaterNone
TA Client Box Oth	IR-13 IR-15			Wet Ice Blue Ice Dry
TA Client Box Oth	10.13 10.15			Water None Wet Ice Blue Ice Dry
	IR-13 IR-15			Water None Wet Ice Blue Ice Dry
TA Client Box Oth	IR-13 IR-15			Water None Wetice Silve ice Dry
TA Client Box Oth	H			Water None
TA Client Box Oth	IR-13 IR-15			Wet Ice Blue Ice Dry Water None
TA Client Box Oth	IR-13 IR-15			Wet Ice Blue Ice Dry Water None
TA Client Box Oth	IR-13 IR-15			Wet ice Blue ice Dry
TA Client Box Oth	IR-13 IR-15		· · · · · · · · · · · · · · · · · · ·	Wet ice Blue ice Dry
	10.13 10.15			Water None Wet ice Blue ice Dry
	IP.13 IP.15			Water None Wetice Blue ice Dry
TA Client Box Oth				Water None
TA Client Box Oth				Water None
TA Client Box Oth	IR-13 IR-15			Wet ice Blue ice Dry Water None
TA Client Box Oth	H IR-13 IR-15			Wet Ice Blue Ice Dry Water None
TA Client Box Oth	IR-13 IR-15			Wet ice Blue ice Dry
TA Client Box Othe	10.12 10.16			Water None Wet Ice Blue Ice Dry
	10.13 10.16			Water None Wet Ice Blue Ice Dry I
TA Client Box Oth	10-13 10-36			Water None Wet Ice Blue Ice Dry I
TA Client Box Othe	N7			Water None
TA Client Box Othe				Wet ice Sive ice Dry i Water None
TA Client Box Oth	r IR-13 IR-15			Wet ice Blue ice Dry i Water None
TA Client Box Othe	r IR-13 IR-15			Wet Ice Blue Ice Dry I Water None
TA Client Box Othe	r IR-13 IR-15			Wet ice Blue ice Dry i
TA Client Box Othe	19-13 10-15		· · · · · · · · · · · · · · · · · · ·	Water None Wet Ice Blue Ice Dry i
	10.12 10.16		·····	Water None Wet Ice Blue Ice Dry I
TA Client Box Othe	10.12 10.16			Water None Wetice Blueice Dryk
TA Client Box Othe	1 18-13 18-13			Water None

W1-NC-029 Cooler Receipt Form Page 2 - Multiple Coolers

DATA VERIFICATION REPORT



June 07, 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: 167065-1 Sample date: 2022-05-19 Report received by CADENA: 2022-06-06 Initial Data Verification completed by CADENA: 2022-06-07 Number of Samples:2 Sample Matrices: Water and trip blank Test Categories:GCMS VOC Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

MS/MSD recovery outliers or sample duplicate RPD outliers were not determined using a client sample from this submittal for the test and QC batch noted so qualification was not required based on these sample-specific QC outliers: GCMS VOC QC batch 528681.

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.

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 http://clms.cadenaco.com/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

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
ЛН	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: 167065-1

		Sample Name: Lab Sample ID: Sample Date:	TRIP BL/ 2401670 5/19/20				MW-145 2401670 5/19/20		22	
				Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC										
<u>OSW-8260</u>	<u> </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-8260</u>	DDSIM									
	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 # 240-167065-1 CADENA Verification Report: 2022-06-07

Analyses Performed By: TestAmerica North Canton, Ohio

Report # 46001R Review Level: Tier III Project: 30080642.402.01

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-167065-1 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) include 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:

		Lab ID		Sample Collection		Anal	lysis
	Sample ID	Lab ID	Matrix	Date	Date Parent Sample VOC VOC SIN	VOC SIM	
	TRIP BLANK_52	240-167065-1	Water	05/19/2022		х	
-	MW-145S_051922	240-167065-2	Water	05/19/2022		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 8260B and 8260B 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 8260B/8260B-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.

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 is 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 VALIDATION CHECKLIST FOR VOCs

VOCs: 8260B/8260B-SIM	Rep	orted		rmance ptable	Not Required
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)				
Tier II Validation					
Holding times/Preservation		Х		X	
Tier III Validation					1
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	
Ion 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

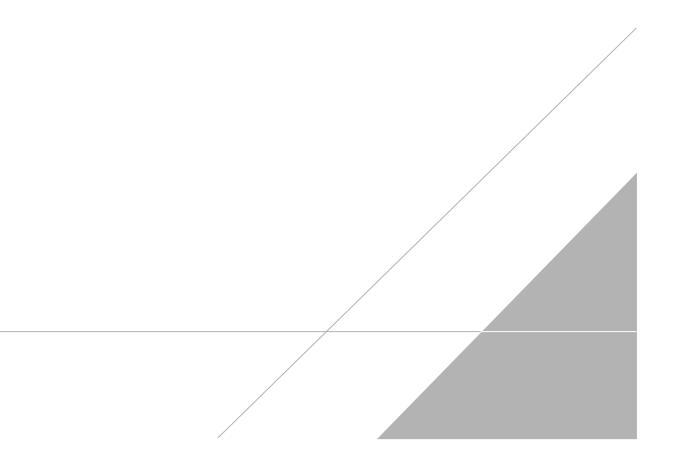
VALIDATION PERFORMED BY:	Bhagyashree Fulzele
SIGNATURE:	Bfutzele
DATE:	June 23, 2022

PEER REVIEW: Andrew Korycinski

DATE: June 23, 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	Regula	tory program	:	- D\	N		PDES		RCI	A.	1	Other											
Company Name: Arcadis																						TestAmerica Labo	atories
Address: 28550 Cabot Drive, Suite 500	Client Project	Manager: Kris	Hinske	y		Site Contact: Christina Weaver Lab Contact								Lab Contact: Mike DelMonico						COC No:			
	Telephone: 26	one: 269-832-7478 Telephone: 248-994-2329 Telepi									Telephone: 330-966-9783												
City/State/Zip: Novi, MI, 48377					_		_					_		creption								1 of 1	COCs
Phone: 248-994-2240	Email: Kristof	Email: Kristoffer.Hinskey@arcadis.com				A	nalysis	Turna	round 1	ime	-						nalys	es			_	For lab use only	
	Sampler Name;				TAT if	different	from bel	ow			1.5										Walk-in client		
roject Name: Ford LTP Off-Site	Chris	Christian Grande Method of Shipment/Carrier:				40			weeks														
roject Number: 30080642.402.04						- 10	day		week			1.5						5				Lab sampling	
O # 30080642.402.04									days		Filtered Sample (Y / N)	Composite=C / Grab=G		000			9	NIS (
0 # 30080042.402.04	Shipping/Track	Shipping/Tracking No: Matrix				C 1	day		le (Y	5 C		CIS-1, Z-UCE 82600 Trans-1, 2-DCE 8260D			Vinyl Chloride 8260D	8260D				Job/SDG No:			
				0	Containe	rs & Pi	reservati	ves	du	- C					de	e 8				and the second second second			
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				Aqueous Sediment Solid	Other:	H2SO4	HCI HCI	NaOH ZaAci	Unpres	Other:	Itere	di la	ζļ;	-Sug	о Ш	8	N	ă				Sample Specific Special Instru	
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TRIP BLANK_52 MW-1455_05422	/	/		a)				N	G	$\langle \rangle$	x X	X	X	X					1 Trip Blank	
MULTINE TRIL	SIGIAL	1150		X			C				1	A .	1			1						3 VOAs for 826	50D
10-1232031762	-117101	1130		14			6				ľ	91	0/2	270	Y	$ \times$	X	C				3 VOAs for 826	
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Possible Hazard Identification																							
Non-Hazard Flammable Skin Irrit	tant Poisc	n B	Unkne	own		San	nple Dis Retu	sposal rn to C	(A fee t lient	nay be :	assess	ed if sa al By La	mples		ined lo Archive		han 1) onths				
pecial Instructions/QC Requirements & Comments:					-						hopeo	ur by th		_	uciniti	101		1010	Junis		_		
ample Address: 12087 STARK																							
ubmit all results through Cadena at jtomalia@cadenac evel IV Reporting requested.	o.com. Cadena #	E203631																					
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2008. TestAmerica Laborationes, Inc. All rights reserved. stRamerica & Design 1 th are trademarks of TestAmerica Laboratories, Inc.																				-			_



Client Sample ID: TRIP BLANK_52 Date Collected: 05/19/22 00:00 Date Received: 05/21/22 08:00

Lab Sample ID: 240-167065-1

Matrix: Water

5 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/01/22 13:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/01/22 13:05	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/01/22 13:05	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:05	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/01/22 13:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		62 - 137			-		06/01/22 13:05	1
4-Bromofluorobenzene (Surr)	98		56 - 136					06/01/22 13:05	1
Toluene-d8 (Surr)	101		78 - 122					06/01/22 13:05	1
Dibromofluoromethane (Surr)	114		73 - 120					06/01/22 13:05	1

Eurofins Canton

Analyte

1,4-Dioxane

Client Sample ID: MW-145S_051922 Date Collected: 05/19/22 11:50 Date Received: 05/21/22 08:00

Method: 8260D SIM - Volatile Organic

nic Compounds (GC/MS)														
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed							
2.0	U	2.0	0.86	ug/L			06/01/22 01:57							

i, i Dionalio	2.0	0		0.00				00/01/22 01:01	·	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	86		66 - 120					06/01/22 01:57	1	
Method: 8260D - Volatile O	rganic Compo	unds by G	C/MS							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	8
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/01/22 13:27	1	
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/01/22 13:27	1	9
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:27	1	
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/01/22 13:27	1	
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/01/22 13:27	1	
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/01/22 13:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	122		62 - 137					06/01/22 13:27	1	
4-Bromofluorobenzene (Surr)	96		56 - 136					06/01/22 13:27	1	
Toluene-d8 (Surr)	99		78 - 122					06/01/22 13:27	1	
Dibromofluoromethane (Surr)	113		73 - 120					06/01/22 13:27	1	

Job ID: 240-167065-1

Matrix: Water

Dil Fac

1

Lab Sample ID: 240-167065-2

1 2 3 4 5 6 7 8 9

Eurofins Canton