12

14

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Megan Meckley Arcadis US Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377 Generated 2/26/2025 7:00:15 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-219179-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203



Eurofins Cleveland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

Generated 2/26/2025 7:00:15 AM

Authorized for release by Michael DelMonico, Project Manager I Michael.DelMonico@et.eurofinsus.com (330)966-9783 Client: Arcadis US Inc. Project/Site: Ford LTP

Laboratory Job ID: 240-219179-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Method Summary	6
Sample Summary	7
Detection Summary	8
Client Sample Results	9
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	14
Lab Chronicle	15
Certification Summary	16
Chain of Custody	17

4

8

9

1 U

12

13

Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 240-219179-1

Project/Site: Ford LTP

Qualifiers
GC/MS VOA

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Eisted 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

5

6

9

10

15

13

Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-219179-1 Eurofins Cleveland

Job Narrative 240-219179-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/20/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

GC/MS VOA

Method 8260D: No MS/MSD reported with batch due to potential carry over

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

Eurofins Cleveland

Job ID: 240-219179-1

Page 5 of 19 2/26/2025

Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219179-1

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

Protocol References:

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

Laboratory References:

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

3

4

7

10

111

13

Sample Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219179-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-219179-1	TRIP BLANK_20	Water	02/18/25 00:00	02/20/25 08:00
240-219179-2	MW-123S_021825	Water	02/18/25 14:15	02/20/25 08:00

3

4

_

9

a a

12

Detection Summary

Client: Arcadis US Inc. Job ID: 240-219179-1 Project/Site: Ford LTP

Lab Sample ID: 240-219179-1 Client Sample ID: TRIP BLANK_20

No Detections.

Client Sample ID: MW-123S_021825 Lab Sample ID: 240-219179-2

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Vinyl chloride	1.0	1.0	0.45 ug/L		8260D	Total/NA

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_20

Date Received: 02/20/25 08:00

Lab Sample ID: 240-219179-1 Date Collected: 02/18/25 00:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/22/25 14:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/22/25 14:40	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 14:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/22/25 14:40	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 14:40	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/22/25 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	132		62 - 137			-		02/22/25 14:40	1
4-Bromofluorobenzene (Surr)	76		56 ₋ 136					02/22/25 14:40	1
Toluene-d8 (Surr)	93		78 - 122					02/22/25 14:40	1
Dibromofluoromethane (Surr)	119		73 - 120					02/22/25 14:40	1

2/26/2025

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

Date Received: 02/20/25 08:00

Client Sample ID: MW-123S_021825

Lab Sample ID: 240-219179-2 Date Collected: 02/18/25 14:15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			02/24/25 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127			-		02/24/25 13:43	1
Method: SW846 8260D - Volati	le Organic Comp	ounds by G	SC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/22/25 17:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/22/25 17:48	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 17:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/22/25 17:48	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 17:48	1
Vinyl chloride	1.0		1.0	0.45	ug/L			02/22/25 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	132		62 - 137			_		02/22/25 17:48	1
4-Bromofluorobenzene (Surr)	72		56 ₋ 136					02/22/25 17:48	1
Toluene-d8 (Surr)	90		78 - 122					02/22/25 17:48	1
Dibromofluoromethane (Surr)	118		73 - 120					02/22/25 17:48	1

2/26/2025

Surrogate Summary

Client: Arcadis US Inc.

Job ID: 240-219179-1

Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

DCA BFB TOL DBFM Lab Sample ID (62-137) (56-136) (78-122) (73-120)
Lab Complet ID (62 427) (56 426) (79 422) (72 420)
Lab Sample ID Client Sample ID (62-137) (56-136) (78-122) (73-120)
240-219179-1 TRIP BLANK_20 132 76 93 119
240-219179-2 MW-123S_021825 132 72 90 118
LCS 240-645741/6 Lab Control Sample 103 99 106 99
MB 240-645741/12 Method Blank 118 80 94 109

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)
		DCA	
Lab Sample ID	Client Sample ID	(68-127)	
240-219179-2	MW-123S_021825	102	
240-219191-B-4 MS	Matrix Spike	101	
240-219191-B-4 MSD	Matrix Spike Duplicate	99	
LCS 240-645836/4	Lab Control Sample	99	
MB 240-645836/6	Method Blank	99	

Surrogate Legend

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

3

6

_

9

10

1 2

13

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

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

Lab Sample ID: MB 240-645741/12

Matrix: Water

Analyte

1,1-Dichloroethene

Tetrachloroethene

Trichloroethene

Vinyl chloride

cis-1,2-Dichloroethene

trans-1,2-Dichloroethene

Analysis Batch: 645741

MB MB RL Dil Fac Result Qualifier MDL Unit D Prepared Analyzed 1.0 U 1.0 0.49 ug/L 02/22/25 12:20 1.0 U 1.0 0.46 ug/L 02/22/25 12:20 1.0 U 02/22/25 12:20 1.0 0.44 ug/L 02/22/25 12:20 1.0 U 1.0 0.51 ug/L

0.44 ug/L

0.45 ug/L

1.0 U MB MB

1.0 U

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		62 - 137		02/22/25 12:20	1
4-Bromofluorobenzene (Surr)	80		56 - 136		02/22/25 12:20	1
Toluene-d8 (Surr)	94		78 - 122		02/22/25 12:20	1
Dibromofluoromethane (Surr)	109		73 - 120		02/22/25 12:20	1

1.0

1.0

Lab Sample ID: LCS 240-645741/6

Matrix: Water

Analysis Batch: 645741

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

02/22/25 12:20

02/22/25 12:20

Prep Type: Total/NA

Prep Type: Total/NA

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier	Unit	D %Rec	Limits	
1,1-Dichloroethene	25.0	24.6		ug/L	98	63 - 134	
cis-1,2-Dichloroethene	25.0	23.9	ı	ug/L	96	77 - 123	
Tetrachloroethene	25.0	26.5	į	ug/L	106	76 - 123	
trans-1,2-Dichloroethene	25.0	25.0		ug/L	100	75 - 124	
Trichloroethene	25.0	22.9	ı	ug/L	92	70 - 122	
Vinyl chloride	25.0	23.2	į	ug/L	93	60 - 144	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	99		56 ₋ 136
Toluene-d8 (Surr)	106		78 - 122
Dibromofluoromethane (Surr)	99		73 - 120

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

Lab Sample ID: MB 240-645836/6 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 645836									
-	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			02/24/25 12:56	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		68 - 127			_		02/24/25 12:56	1

Eurofins Cleveland

2/26/2025

Client: Arcadis US Inc. Job ID: 240-219179-1 Project/Site: Ford LTP

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

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

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 645836

Lab Sample ID: LCS 240-645836/4

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,4-Dioxane	10.0	9.65		ug/L		96	75 - 121	

LCS LCS

Surrogate %Recovery Qualifier Limits 68 - 127 1,2-Dichloroethane-d4 (Surr) 99

Lab Sample ID: 240-219191-B-4 MS Client Sample ID: Matrix Spike

Matrix: Water

Analysis Batch: 645836

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,4-Dioxane	2.0	U	10.0	9.38		ug/L		94	20 - 180	
	MS	MS								

Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 68 - 127 101

Client Sample ID: Matrix Spike Duplicate Lab Sample ID: 240-219191-B-4 MSD Prep Type: Total/NA

Matrix: Water

Analysis Batch: 645836

	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	9.72		ug/L		97	20 - 180	4	20

MSD MSD Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 99 68 - 127

Eurofins Cleveland

QC Association Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219179-1

GC/MS VOA

Analysis Batch: 645741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219179-1	TRIP BLANK_20	Total/NA	Water	8260D	
240-219179-2	MW-123S_021825	Total/NA	Water	8260D	
MB 240-645741/12	Method Blank	Total/NA	Water	8260D	
LCS 240-645741/6	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 645836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-219179-2	MW-123S_021825	Total/NA	Water	8260D SIM	· ·
MB 240-645836/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-645836/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-219191-B-4 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-219191-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

3

4

5

7

8

9

4.4

ш

13

Lab Chronicle

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_20

Lab Sample ID: 240-219179-1 Date Collected: 02/18/25 00:00

Matrix: Water

Dilution Batch Batch Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed Total/NA 8260D 645741 MS EET CLE 02/22/25 14:40 Analysis

Client Sample ID: MW-123S_021825 Lab Sample ID: 240-219179-2

Date Collected: 02/18/25 14:15 **Matrix: Water**

Date Received: 02/20/25 08:00

Date Received: 02/20/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	645741	MS	EET CLE	02/22/25 17:48
Total/NA	Analysis	8260D SIM		1	645836	R5XG	EET CLE	02/24/25 13:43

Laboratory References:

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

Accreditation/Certification Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-219179-1

Laboratory: Eurofins Cleveland

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	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
lowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

4

5

7

0

10

4.6

13

Chain of Custody Record



TestAmerica Laboratory location: Farmington Hills -- 38855 Hills Tech Drive, Suite 600, Farmington Hills 48331

Client Contact	Regula	tory program	:		☐ D	w	Γ	NPD	ES	Г	R	CRA	-	Oth	er									T	
Company Name: Arcadis	Client Project	Manager: Meg	an M	eckley	y		Site	Cont	act: S	aman	itha S	Szpaichl	ler			Lab (Conta	ct: M	ke De	Moni	0	-		TestAmerica Laboratories, Inc COC No:	Ì
ddress: 28550 Cabot Drive, Suite 500	Telephone: 248	3-994-2240					Tele	phon	e: 248	3-994-	-2240					Telep	hone	: 330-	197-93	96					┨
ity/State/Zip: Novi, MI, 48377												Time	_	_						naly	202			1 of 1 COCs For lab use only	1
Phone: 248-994-2240		fer.hinskey@ar	cadis	.com								72300		1	Н			T	T	T any					1
Project Name: Ford LTP	Sampler Name	" 16 Mm	.,	M	NA B	?		if diffe	1	3	week		-		ı									Walk-in client	
Project Number: 30206169.0401.03	Method of Ship	ment/Carrier:	1	1 V	נגעץ		┨ ¹	0 day	, i	2	week week										Σ			Lab sampling	
							4		1		days		N/N	I		۵	260D			30D	IS Q			I-LITTIC No.	
O # US3460021848	Shipping/Trac	King No:	_		Matri		\perp	C					ımple (Y / N)	C/G	900	8260	CE 8			1e 826	8260		Н	Job/SDG No:	
Sample Identification	Sample Date	Sample Time	Ąį		Sediment		112504			NaOH ZaAci	NaOil		Filtered San	Composite-C/Grab-G	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM			Sample Specific Notes / Special Instructions:	
TRIP BLANK_ 20			Г	1			Ť		1		Ī		N	G	Х	Х	Х	Х	Х	Х				1 Trip Blank	1
MV-1235_021825	02/18/25	14:15	T	6					6	Ť	Ť		N	1 6	X	X	X	7	X	X	×		П	3 VOAs for 8260D 3 VOAs for 8260D SIM	10
(0) 3500 (00)		1.713		W.					-	+	†		1.0	Ť				ŕ	\vdash	П			\Box	0 407/01/01/02/00 01/11	1
			T			 	+	Н	+		$^{+}$	+	+	\vdash	-			-							1
			╁		+	-	+		+	+	+	-	+	+	-		_	+-	-				-		1
	ļ						\perp	Ш		_	\perp		\perp								•	teath :			1
													1												
			T						\top	\top	\dagger									П					1
			-	Н	-	-	+	\vdash	+	+	+	+	+	+	-				\vdash	Н		240-219179 CC	oc –		-
	ļ		-	Н	_		+		_	+	4	+	+	\vdash		-		-	-	-		, , , , , , , , , , , , , , , , , , , 		7	4
																								MICHIC	A
																								190	1
Possible Hazard Identification Non-Hazard Identification in Irritant	□ Poiso	on B	Jnk	noum			s			osal (e may b	e asses Dispo					ined le		han 1		h) Ionths			1
Special Instructions/QC Requirements & Comments: 120- Submit all results through Cadena at jtomalia@cadenaco.c	75 BAW	17 Fer	7111							. 10 0.			Sispe		, 240										1
Level IV Reporting requested. Relinquished by An	Company.	1		Date	/Time:				Īχ	Leceiv	ed hy								Com	pany.			- 1	Date/Time:	4
frung for 3 14/1/3	Ali	cdis		17	119	125	is	، ز ز	``ا ٰ	No	ij!	Cold		zto	195	<u> </u>				A1:	ind	13		Date/Time: OUISIZE (5:35) Date/Time:	1
Relinquished by	Company:	DIS		Date/	Time: /19	125	- 12	.33) R	Receiv			ש	1		رو				,,,,,,	4	2-12		2/19/25 12:3	\$p
Relinquished by:	Company,	=TA		Date	/Time:	1/2-			R			Labora SSF			0 0	K N			Com	pany		NU NU		Date Time: 2 25 08W	1

©2006, TeslAmerica Laboratories, Inc. All rights reserved, TeslAmerica & Design ™ are trademarks of TeslAmerica Laboratories, Inc.

	VOA Sample Preservation - Date/Time VOAs Frozen
were further preserved in the laboratory	Sample(s)
ceived after the recommended holding time had expiredwere received in a broken container were received with bubble >6 mm in diameter (Notify PM)	19. SAMPLE CONDITION Sample(s) Sample(s) Sample(s) Were received after the recommended holding time had expired. Were received in a broken contained were received with bubble >6 mm in diameter (Notify F. 20. SAMPLE PRESERVATION
age Samples processed by	18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
ATA A CITATE A OLICE INTEL	Concerning Date vol
the Villa Kall Other	
Yes No (A) pH Strip Lo# HC448976 Yes No Yes (No NA Yes (No) Yes (No)	13 Were all preserved sample(s) at the correct pH upon receipt? 14 Were VOAs on the COC? 15 Were air bubbles >6 mm in any VOA vials? 16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #O1 25601 5 17 Was a LL Hg or Me Hg trip blank present?
Yes (No	 11 Sufficient quantity received to perform indicated analyses? 12. Are these work share samples and all listed on the COC? If yes, Ouestions 13-17 have been checked at the originating laboratory
Yes No (Yes) No and sample type of grab/comp(Y)N)? (Yes) No	8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? 9 For each sample, does the COC specify preservatives (YN), # of containers (YN), and sample type of grab/comp(YN)? 10 Were correct bottle(s) used for the test(s) indicated?
;	3 Shippers' packing slip attached to the cooler(s)? 4. Did custody papers accompany the sample(s)?
Yes No NA Yes No NA Yes No NA Receiving:	 Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity -Were the seals on the outside of the cooler(s) signed & dated? -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? -Were tamper/custody seals intact and uncompromised?
oler Form C Corrected Cooler Temp, 2 4 °C	pt [TD O °C) Observed Cooler T
I	rial used. Bubble Whap Foam Plastic Ba
tion	Drop-off Date/Time
other Officer Other	Cooler Received on 2/20/25 Opened on 2/20/25 FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Counter
Cooler unpacked by:	Site Name
Logn#-:	Eurofins - Cleveland Sample Receipt Form/Narrative Eo Barberton Facility

Page 18 of 19

2/20/2025

Login Container Summary Report

Temperature readings			2
Client Sample ID	<u>Lab ID</u>	Container Type	Container Preservation Preservation pH Temp Added Lot Number
TRIP BLANK_20	240-219179-A-1	Voa Vıal 40ml - Hydrochloric Acid	Change of the Control
MW-123S_021825	240-219179-A-2	Voa Vial 40ml - Hydrochloric Acid	
MW-123S_021825	240-219179-B-2	Voa Vial 40ml - Hydrochloric Acid	
MW-123S_021825	240-219179-C-2	Voa Vial 40ml - Hydrochloric Acid	
MW-123S_021825	240-219179-D-2	Voa Vial 40ml - Hydrochloric Acid	
MW-123S_021825	240-219179-E-2	Voa Vial 40ml - Hydrochloric Acid	PRODUCTION OF THE PROPERTY OF
MW-123S_021825	240-219179-F-2	Voa Vial 40ml - Hydrochloric Acid	Andrews and the second

Page I of I

Page 19 of 19 2/26/2025

DATA VERIFICATION REPORT



February 26, 2025

Megan Meckley Arcadis 28550 Cabot Drive Suite 500 Novi, MI US 48377

CADENA project ID: E203728

Project: Ford Livonia Transmission Plant - ON-SITE Soil Gas, Ground Water and Soil

Project number: 30251157.401.04 (vapor 301.04) 30206169.0401.04

Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 219179-1 Sample date: 2025-02-18

Report received by CADENA: 2025-02-26

Initial Data Verification completed by CADENA: 2025-02-26

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.

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
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: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 219179-1

		•	Lab Sample ID: 2402191791 240 Sample Date: 2/18/2025 2/18					3S_0218 1792 25		
				Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC	OD.									
	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		1.0	1.0	ug/l	
OSW-826	<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 # 240-219179-1

CADENA Verification Report: 2025-02-26

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 58377R Review Level: Tier III Project: 30206169.0401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-219179-1 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:

Sample ID	Lab ID	Matrix	Sample	Parent Sample	Ana	lysis
Sample ID	Labib	Width	Collection Date	Farent Sample	voc	VOC SIM
TRIP BLANK_20	240-219179-1	Water	02/18/2025		X	
MW-123S_021825	240-219179-2	Water	02/18/2025		Х	Х

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	Reported		mance otable	Not Required
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
2. Requested analyses and sample results		Х		X	
Master tracking list		Х		X	
4. Methods of analysis		X		X	
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	
Sample preparation/extraction/analysis dates		Х		Х	
10. Fully executed Chain-of-Custody (COC) form		Х		Х	
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 for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate.

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.
 - UB Analyte considered non-detect at the listed value due to associated blank contamination.
 - 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 continuing 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 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.

All identified compounds met the specified criteria.

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: 8260D/8260D-SIM		oorted		rmance ptable	Not Required
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)				
Tier II Validation					
Holding times/Preservation		Х		Х	
Tier III Validation					
System performance and column resolution		X		Х	
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		X		X	
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: Febin J S

SIGNATURE: ()

DATE: March 18, 2025

PEER REVIEW: Andrew Korycinski

DATE: March 19, 2025

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

Chain of Custody Record



TestAmerica Laboratory location: Farmington Hills -- 38855 Hills Tech Drive, Suite 600, Farmington Hills 48331

Client Contact Company Name: Arcadis	Regulat	tory program	:		☐ D	w	Γ	NPD	ES	Ī	R	CRA	-	Oth	er									T	
	Client Project Manager: Megan Meckley				Site	Site Contact: Samantha Szpaichler Lab Co						Lab Contact: Mike DelMonico							TestAmerica Laboratories, Inc COC No:	ĺ					
ddress: 28550 Cabot Drive, Suite 500	Telephone: 248	Telephone: 248-994-2240 Email: kristoffer.hinskey@arcadis.com				ie: 248-994-2240 Telephone: 248-994-2240						Telephone: 330-497-9396								┨					
ity/State/Zip: Novi, MI, 48377											Time	_	_	_	Analyses								1 of 1 COCs For lab use only	1	
Phone: 248-994-2240			cadis	.com											H			T	T	T T					1
Project Name: Ford LTP	Sampler Name	" 26 Mm	J	M	NA B	?		if diffe	1	⁻ 3	week		-											Walk-in client	1
Project Number: 30206169.0401.03	Method of Ship	ment/Carrier:	1	1 V	נגעץ		┨ ¹	0 day	, i	2	week week										Σ			Lab sampling	1
							4		1		days		N/N	I a		۵	260D			30D	IS Q			Job/SDG No:	
O # US3460021848	Shipping/Track	king No:	_		Matri		\perp	C					ımple (Y / N)	C/G	g	8260	CE 8			1e 826	8260			JOO/SDG NO	
Sample Identification	Sample Date	Sample Time	Air		Sediment		112504			NaOH ZaAci	NaOil		Filtered San	Composite-C/Grab-G	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM			Sample Specific Notes / Special Instructions:	
TRIP BLANK_ 20			Г	1			Ť		1		Ī		N	IG	Х	Х	Х	Х	Х	Х				1 Trip Blank	
MV-1235_021825	02/18/25	14:15	T	6					6	Ť	Ť		N	1 6	X	X	X	7	X	X	×			3 VOAs for 8260D 3 VOAs for 8260D SIM	1
110 (0) 3301 (0)		1,713	t	W.					•	+	†	1	1.0	1				ŕ	\vdash	П				0 40/15 10/ 02005 0///	1
			T			+	+	Н	+	+	$^{+}$	+-	+	+				-							1
			╁		+	-	+		+	+	+	+	+	+-			_	+-	-				-		1
							\perp	Ш		_	\perp		\perp								•	teath :	Ц		1
													1												
			\top						\top	\top	\dagger	\top								П		157.15			1
			+-		+	-	+-		+	+	+	+	+-	+						H	:	240-219179 CC	oc –		1
			╀		+	-	-		+	+	+	+	+	-		-					†	IIT		1 /Torre	1
			_		\perp	_	\perp	Щ	_				\perp	_				<u> </u>	_					MICHIC	A
																								190	
Possible Hazard Identification Non-Hazard I lammable in Irritant	□ Poiso	n B	Jnk				s			osal (e may b	e asses Dispo					ined le		han 1		h) Ionths			1
Special Instructions/QC Requirements & Comments: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	15 GALV	1776	7116	410 1411					· ·	. 10 C			Dispe	334. 2	, Luc			<u> </u>		Ī		aynus .			
Level IV Reporting requested. Relinquished by	Company	1 .		Dute	/Time:				Ιp	ucaiv	ad hu								Com	nany:				Date/Time	4
franch for J. 1874/3	A(:	cdis		2,5	114	125	is	ک رژ ز	<u> </u>	No	ij!	Cold	-	Sto	195	<u> </u>				A1:	ind	13		Date/Time: © 2118125 (5:35) Date/Time:	1
Relinquished by:	Company:	DIS		Date/	/Time:	125	- 12	.33) R	leceiv			של	1		و				,,,,,,	4	2-10		2/19/25 12:35	to
Relinquished by:	Company,	=TA		Date	/Time:	1/2~			R			Labora			0 0	K N			Com	pany		W		Date/Fime: 2 20 25 08W	14

©2006, TeslAmerica Laboratories, Inc. All rights reserved, TeslAmerica & Design ™ are trademarks of TeslAmerica Laboratories, Inc.

Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 240-219179-1

Project/Site: Ford LTP

Qualifiers
GC/MS VOA

U Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

Eisted 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

3

4

5

O

8

46

11

14

Eurofins Cleveland

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_20

Date Received: 02/20/25 08:00

Lab Sample ID: 240-219179-1 Date Collected: 02/18/25 00:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/22/25 14:40	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/22/25 14:40	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 14:40	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/22/25 14:40	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 14:40	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/22/25 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	132		62 - 137			-		02/22/25 14:40	1
4-Bromofluorobenzene (Surr)	76		56 ₋ 136					02/22/25 14:40	1
Toluene-d8 (Surr)	93		78 - 122					02/22/25 14:40	1
Dibromofluoromethane (Surr)	119		73 - 120					02/22/25 14:40	1

2/26/2025

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-219179-1

Project/Site: Ford LTP

Date Received: 02/20/25 08:00

Client Sample ID: MW-123S_021825

Lab Sample ID: 240-219179-2 Date Collected: 02/18/25 14:15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			02/24/25 13:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127			-		02/24/25 13:43	1
Method: SW846 8260D - Volati	ile Organic Comp	ounds by G	SC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			02/22/25 17:48	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/22/25 17:48	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 17:48	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/22/25 17:48	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/22/25 17:48	1
Vinyl chloride	1.0		1.0	0.45	ug/L			02/22/25 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	132		62 - 137			_		02/22/25 17:48	1
4-Bromofluorobenzene (Surr)	72		56 ₋ 136					02/22/25 17:48	1
Toluene-d8 (Surr)	90		78 - 122					02/22/25 17:48	1
Dibromofluoromethane (Surr)	118		73 - 120					02/22/25 17:48	1

2/26/2025