PREPARED FOR

Attn: Ms. Megan Meckley Arcadis U.S., Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

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JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-209074-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Cleveland

Job Notes

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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

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Authorized for release by Michael DelMonico, Project Manager I <u>Michael.DelMonico@et.eurofinsus.com</u> (330)497-9396 Client: Arcadis U.S., Inc. Project/Site: Ford LTP

Laboratory Job ID: 240-209074-1

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Definitions/Glossary

Client: Arcadis U.S., Inc.

Job ID: 240-209074-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

Qualifier Description

H Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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

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Case Narrative

Client: Arcadis U.S., Inc. Project: Ford LTP

Job ID: 240-209074-1 Eurofins Cleveland

Job Narrative 240-209074-1

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 8/8/2024 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 1.1°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-623420 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples TRIP BLANK_28 (240-209074-1) and MW-95S_080624 (240-209074-2) 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.

Method 8260D_SIM: Reanalysis of the following sample was performed outside of the analytical holding time due to QC failure in the initial analysis: MW-95S 080624 (240-209074-2).

Method 8260D_SIM: Samples were prepped in advance before analysis due to instrument issues, Samples had to be prepped with headspace as a result.

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

Eurofins Cleveland

Job ID: 240-209074-1

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Method Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-209074-1

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

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Sample Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-209074-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-209074-1	TRIP BLANK_28	Water	08/06/24 00:00	08/08/24 08:00
240-209074-2	MW-95S 080624	Water	08/06/24 14:45	08/08/24 08:00

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Detection Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-209074-1

Client Sample ID: TRIP BLANK_28

Lab Sample ID: 240-209074-1

No Detections.

Client Sample ID: MW-95S_080624 Lab Sample ID: 240-209074-2

No Detections.

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Client Sample Results

Client: Arcadis U.S., Inc. Job ID: 240-209074-1

Project/Site: Ford LTP

Date Received: 08/08/24 08:00

Client Sample ID: TRIP BLANK_28

Lab Sample ID: 240-209074-1 Date Collected: 08/06/24 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			08/15/24 11:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/15/24 11:11	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 11:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/15/24 11:11	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 11:11	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/15/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137			-		08/15/24 11:11	1
4-Bromofluorobenzene (Surr)	100		56 ₋ 136					08/15/24 11:11	1
Toluene-d8 (Surr)	99		78 - 122					08/15/24 11:11	1
Dibromofluoromethane (Surr)	90		73 - 120					08/15/24 11:11	1

Client Sample Results

Client: Arcadis U.S., Inc. Job ID: 240-209074-1

Project/Site: Ford LTP

Client Sample ID: MW-95S_080624

Date Collected: 08/06/24 14:45
Date Received: 08/08/24 08:00

Lab Sample ID: 240-209074-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	UH	2.0	0.86	ug/L			08/21/24 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		68 - 127			-		08/21/24 18:46	1
Method: SW846 8260D - Volati	ile Organic Comp	ounds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/15/24 13:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/15/24 13:10	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 13:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/15/24 13:10	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 13:10	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/15/24 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		62 - 137			-		08/15/24 13:10	1
4-Bromofluorobenzene (Surr)	97		56 ₋ 136					08/15/24 13:10	1
Toluene-d8 (Surr)	95		78 - 122					08/15/24 13:10	1
Dibromofluoromethane (Surr)	88		73 - 120					08/15/24 13:10	1

Surrogate Summary

Client: Arcadis U.S., Inc.

Job ID: 240-209074-1

Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-209074-1	TRIP BLANK_28	114	100	99	90
240-209074-2	MW-95S_080624	108	97	95	88
240-209169-B-6 MS	Matrix Spike	116	115	102	103
240-209169-B-6 MSD	Matrix Spike Duplicate	108	103	93	96
LCS 240-623420/5	Lab Control Sample	115	115	105	103
MB 240-623420/10	Method Blank	118	106	102	96
Cuma nata Lanand					

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)	
240-209074-2	MW-95S_080624	104	
240-209343-C-2 MS	Matrix Spike	80	
240-209343-C-2 MSD	Matrix Spike Duplicate	90	
LCS 240-624227/13	Lab Control Sample	100	
MB 240-624227/15	Method Blank	101	
Surrogate Legend			

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

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Job ID: 240-209074-1

Client: Arcadis U.S., Inc. Project/Site: Ford LTP

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

Lab Sample ID: MB 240-623420/10

Matrix: Water

Analysis Batch: 623420

Client Sample ID: Method Blank
Prep Type: Total/NA

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 08/15/24 09:52 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 08/15/24 09:52 1.0 U 1.0 0.44 ug/L 08/15/24 09:52 Tetrachloroethene trans-1,2-Dichloroethene 1.0 U 08/15/24 09:52 1.0 0.51 ug/L Trichloroethene 1.0 U 1.0 0.44 ug/L 08/15/24 09:52 Vinyl chloride 1.0 U 1.0 0.45 ug/L 08/15/24 09:52

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		62 - 137		08/15/24 09:52	1
4-Bromofluorobenzene (Surr)	106		56 - 136		08/15/24 09:52	1
Toluene-d8 (Surr)	102		78 - 122		08/15/24 09:52	1
Dibromofluoromethane (Surr)	96		73 - 120		08/15/24 09:52	1

Lab Sample ID: LCS 240-623420/5

Matrix: Water

Analysis Batch: 623420

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier U	Jnit D	%Rec	Limits	
1,1-Dichloroethene	50.0	38.9		ıg/L	78	63 - 134	
cis-1,2-Dichloroethene	50.0	44.3	ι	ıg/L	89	77 - 123	
Tetrachloroethene	50.0	45.6	ι	ıg/L	91	76 - 123	
trans-1,2-Dichloroethene	50.0	41.4	L	ıg/L	83	75 - 124	
Trichloroethene	50.0	44.5	ι	ıg/L	89	70 - 122	
Vinyl chloride	50.0	48.4	ι	ıg/L	97	60 - 144	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	115		62 _ 137
4-Bromofluorobenzene (Surr)	115		56 - 136
Toluene-d8 (Surr)	105		78 - 122
Dibromofluoromethane (Surr)	103		73 - 120

Lab Sample ID: 240-209169-B-6 MS

Matrix: Water

Analysis Batch: 623420

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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	1.0	U	50.0	32.1		ug/L		64	56 - 135	
cis-1,2-Dichloroethene	1.0	U	50.0	41.9		ug/L		84	66 - 128	
Tetrachloroethene	1.0	U	50.0	38.7		ug/L		77	62 - 131	
trans-1,2-Dichloroethene	1.0	U	50.0	37.5		ug/L		75	56 - 136	
Trichloroethene	1.0	U	50.0	39.5		ug/L		79	61 - 124	
Vinyl chloride	1.0	U	50.0	44.5		ug/L		89	43 - 157	

MS MS

Surrogate	%Recovery Quali	fier Limits
1,2-Dichloroethane-d4 (Surr)	116	62 - 137
4-Bromofluorobenzene (Surr)	115	56 - 136
Toluene-d8 (Surr)	102	78 - 122

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Client: Arcadis U.S., Inc.
Project/Site: Ford LTP

Job ID: 240-209074-1

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

Lab Sample ID: 240-209169-B-6 MS

Matrix: Water

Analysis Batch: 623420

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

MS MS

 Surrogate
 %Recovery
 Qualifier
 Limits

 Dibromofluoromethane (Surr)
 103
 73 - 120

Lab Sample ID: 240-209169-B-6 MSD

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

Matrix: Water

Analysis Batch: 623420

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	1.0	U	50.0	32.6		ug/L		65	56 - 135	2	26
cis-1,2-Dichloroethene	1.0	U	50.0	40.3		ug/L		81	66 - 128	4	14
Tetrachloroethene	1.0	U	50.0	35.2		ug/L		70	62 - 131	9	20
trans-1,2-Dichloroethene	1.0	U	50.0	35.2		ug/L		70	56 - 136	6	15
Trichloroethene	1.0	U	50.0	37.9		ug/L		76	61 - 124	4	15
Vinyl chloride	1.0	U	50.0	43.2		ua/L		86	43 - 157	3	24

MSD MSD

MR MR

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		62 - 137
4-Bromofluorobenzene (Surr)	103		56 - 136
Toluene-d8 (Surr)	93		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

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

Lab Sample ID: MB 240-624227/15

Matrix: Water

Analysis Batch: 624227

Client Sample ID: Method Blank
Prep Type: Total/NA

Trop type: Totalities

Analyte	Result	Qualifier	RL	MDL	Unit	D	Pre	pared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L				08/21/24 18:22	1

MB MB

 Surrogate
 %Recovery 1,2-Dichloroethane-d4 (Surr)
 Qualifier 2014
 Limits 2014
 Prepared 2014
 Analyzed 2014
 Dil Fac 2014

 1,2-Dichloroethane-d4 (Surr)
 101
 68 - 127
 08/21/24 18:22
 1

Lab Sample ID: LCS 240-624227/13

Matrix: Water

Analysis Batch: 624227

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

 Spike
 LCS
 LCS
 %Rec

 Analyte
 Added
 Result qualifier
 Unit
 D ug/L
 %Rec
 Limits

 1,4-Dioxane
 10.0
 9.49
 ug/L
 95
 75 - 121

LCS LCS

 Surrogate
 %Recovery
 Qualifier
 Limits

 1,2-Dichloroethane-d4 (Surr)
 100
 68 - 127

Lab Sample ID: 240-209343-C-2 MS

Matrix: Water

Analysis Batch: 624227

Client Sample	ID: Matrix Spike
_	

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,4-Dioxane	2.0	U	10.0	10.1		ug/L		101	20 - 180	

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QC Sample Results

Client: Arcadis U.S., Inc.

Job ID: 240-209074-1

Project/Site: Ford LTP

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

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1,2-Dichloroethane-d4 (Surr)

	MS MS	IS
Surrogate	%Recovery Qua	Qualifier Limits
1,2-Dichloroethane-d4 (Surr)	80	68 - 127

Lab Sample ID: 240-209343-C-	-2 M2D						Cilent 5	атріе іг	J: Matrix 5	pike Dup	nicate
Matrix: Water									Prep '	Type: To	tal/NA
Analysis Batch: 624227											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit

Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	2.0	U	10.0	8.96		ug/L		90	20 - 180	12	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								

68 - 127

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QC Association Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-209074-1

GC/MS VOA

Analysis Batch: 623420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bat
240-209074-1	TRIP BLANK_28	Total/NA	Water	8260D	
240-209074-2	MW-95S_080624	Total/NA	Water	8260D	
MB 240-623420/10	Method Blank	Total/NA	Water	8260D	
LCS 240-623420/5	Lab Control Sample	Total/NA	Water	8260D	
240-209169-B-6 MS	Matrix Spike	Total/NA	Water	8260D	
240-209169-B-6 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 624227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209074-2	MW-95S_080624	Total/NA	Water	8260D SIM	
MB 240-624227/15	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-624227/13	Lab Control Sample	Total/NA	Water	8260D SIM	
240-209343-C-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-209343-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

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Lab Chronicle

Client: Arcadis U.S., Inc. Job ID: 240-209074-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_28

Lab Sample ID: 240-209074-1 Date Collected: 08/06/24 00:00

Matrix: Water

Date Received: 08/08/24 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	623420	TJL2	EET CLE	08/15/24 11:11

Client Sample ID: MW-95S_080624

Lab Sample ID: 240-209074-2

Matrix: Water

Date Collected: 08/06/24 14:45 Date Received: 08/08/24 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	623420	TJL2	EET CLE	08/15/24 13:10
Total/NA	Analysis	8260D SIM		1	624227	CS	EET CLE	08/21/24 18:46

Laboratory References:

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

Accreditation/Certification Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-209074-1

Laboratory: Eurofins Cleveland

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

Authority	ority Program Identification Number		Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
lowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
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	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

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TestAn	TestAmerica Laboratory location: Brighton 10448 Citati	Brighton 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763		THE LEADER IN ENVIRONMENTAL TESTING
Client Contact	Regulatory program:	☐ NPDES ☐ RCRA ☐ Other		
Company Name: Arcadis				TestAmerica Laboratories, Inc.
Address: 28550 Cabot Drive, Suite 500	Client Project Manager: Kris Hinskey	Site Contact: Christina Weaver	Lab Contact: Mike DelMonico	COC No:
	Telephone: 248-994-2240	Telephone: 248-994-2240	Telephone: 330-497-9396	
City/State/Zip: Novi, MI, 48377	Frail Lristoffar hine Law Counadie ann	Analysis Turnaround Time	Apalyses	For lab use only
Phone: 248-994-2240	MONETARY CARRELL TOLONE IN THE			
Project Name: Ford LTP	Sampler Name:	TAT if different from below 3 weeks		walk-in client
Project Number: 30206169.0401.03	Method of Shipment/Carrier:	1 week	C	Sundana
PO # US3410018772	Shipping/Tracking No:	le (Y /	958	Job/SDG No:
	Matrix	()=a	DCE-DCE	
Sample Identification	Sample Date Sample Time Air Aqueous Scalinent	1/1-DCE E Combosit Combosit Multipless Much Much HICI HICI HICI HICI HICI HICI HICI HIC	cis-1.2-Dioxa	Sample Specific Notes / Special Instructions:
TRIP BLANK_28	1	7 N	× × × ×	1 Trip Blank
MW-958_080624	2 Shh! 42/9/8	\(\frac{1}{2} \)	X X X X	3 VOAs for 8260D 3 VOAs for 8260D SIM
/				
	-			
10				
		783		
240-2080Z4 Christ & C				
	all of custody		/	
Possible Hazard Identification Non-Hazard Immable ciritant		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return to Client Disposal By Lab Archive For Mo	oles are retained longer than 1 month) Archive For Months	
Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728	0 1 500 ten 205 t St. om. Cadona #E203728			
Level IV Reporting requested.				
~ Cale po	15	1000 NOV! COLD STOR	ACA	Date/Time: 8/6/24/60
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C2006, TestAmerica Laboratories, Inc. All rights reserved, becateries, Inc. TestAmerica, Laboratories, Inc.	•			

<u>TestAmerica</u>

Chain of Custody Record

		,	-		
Eurofins — Cleveland S Barberton Facility				sogin#:	
Client Arcadis		Site Name_		Cooler un	packed by:
	3/8/24	Opened on {	3/8124	٠٠٧	2M
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Receipt After-hours: Dr			Storage Loc		
Eurofins Cooler #	Foam Box de Bubble Way de Bubble Way Grant Blue Ic pon receipt (CF O O O y seals on the outside the outside of the cool ody seals intact and the ody seals on the bottle ody seals on the bottle ody seals on the bottle ody seals on the cool ody seals on the outside o	Foam Plastic B e Dry Ice Wa _°C) Observed Co c of the cooler(s)? If oler(s) signed & date le(s) or bottle kits (L) incompromised? ler(s)? ler(s)? legent in the appropriate samples clearly ident forbroken)? reconciled with the (reservatives (TN), # indicated? dicated analyses? d on the COC? left at the originating I left pH upon receipt? Large ler(s)? Trip Blank Left	Box Other ag None Other None Other None See Multiple Coler Temp. 1. 2 Yes Quantity 1 d? LHg/MeHg)? ate place? tified on the COC? COC? of containers ON	ner Cooler Form Cooler Form	Tests that are not checked for pH by Receiving: VOAs Oil and Grease TOC
17. Was a LL Hg or Me	Hg trip blank presen			Yes (No)	
Contacted PM	Date	by	via V	erbal Voice Mail Ot	her
Concerning					
18. CHAIN OF CUSTO		ISCREPANCIES		page Samples pro	
19. SAMPLE CONDIT Sample(s)		were received o	fter the recommend	ed holding time had a	wnired
Sample(s)			were i	received in a broken o	ontainer.
Sample(s)'		were rec		>6 mm in diameter. (1	
20. SAMPLE PRESER	VATION	*			
•	-				. [
Sample(s) Time preserved:	Preservative(s) added/Lot number	(s):	were further preserved	d in the laboratory.
•	 . ,				

VOA Sample Preservation - Date/Time VOAs Frozen:

DATA VERIFICATION REPORT



August 22, 2024

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

CADENA project ID: E203728

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

Project number: 30206169.0401.04_WA-02

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

Laboratory submittal: 209074-1 Sample date: 2024-08-06

Report received by CADENA: 2024-08-22

Initial Data Verification completed by CADENA: 2024-08-22

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.

The following minor QC exceptions or missing information were noted:

HTQ - GCMS VOC SIM sample -002 analyses were performed outside of reference holding time so all associated results should be considered to be estimated and qualified with J flags if detected and UJ flags if non-detect.

GCMS VOC QC batch CCV response outliers as noted in the laboratory submittal case narrative were not used to qualify client sample results as part of this level 2 data package verification review.

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 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.						

Qualified Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 209074-1

Sample Name: MW-95S_080624 **Lab Sample ID:** 2402090742

Sample Date: 8/6/2024

Report Valid

Analyte Cas No. Result Limit Units Qualifier

GC/MS VOC

OSW-8260DSIM

1,4-Dioxane 123-91-1 ND 2.0 ug/l UJ

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 209074-1

		Sample Name:	TRIP BL	ANK_28			MW-959	5_08062	4	
		Lab Sample ID:	240209	0741			240209	0742		
		Sample Date:	8/6/202	4			8/6/202	24		
				Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC										
OSW-8260	<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	
OSW-8260	<u>ODSIM</u>									
	1,4-Dioxane	123-91-1					ND	2.0	ug/l	UJ



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-209074-1

CADENA Verification Report: 2024-08-22

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 55523R Review Level: Tier III Project: 30206169.0401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-209074-1 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 10	Labib	Wallix	Collection Date	n Date		VOC SIM
TRIP BLANK_28	240-209074-1	Water	08/06/2024		Х	
MW-95S_080624	240-209074-2	Water	08/06/2024		Х	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed		orted	Performance Acceptable		Not Required
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
Requested analyses and sample results		X		Х	
Master tracking list		X		Х	
4. Methods of analysis		X		Х	
5. Reporting limits		X		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

The analyses that exceeded the holding are presented in the following table.

Sample ID	Holding Time	Criteria
MW-95S_080624	15 days from collection to analysis	14 days from collection to analysis

Sample results associated with samples analyzed by analytical method SW-846 8260D SIM were qualified, as specified in the table below. All other holding times were met.

Criteria	Qualification			
Griteria	Detected Analytes	Non-detect Analytes		
Analysis completed less than two times holding time	J	UJ		
Analysis completed greater than two times holding time	J	R		

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_28 MW-95S_080624	Continuing Calibration Verification %D	1,1-Dichloroethene	-23.0%

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	
Initial and Continuing Calibration	DDE 40.05	Non-detect	R	
	RRF <0.05	Detect	J	
	RRF <0.01 ¹	Non-detect	R	
	RRF <0.01	Detect	J	
	DDE - 0.05 at DDE - 0.041	Non-detect	N. A:	
	RRF >0.05 or RRF >0.01 ¹	Detect	No Action	
	0/DCD 200/ or a correlation and finiant 2000	Non-detect	UJ	
Initial Calibration	%RSD > 20% or a correlation coefficient <0.99	Detect	J	
Initial Calibration	0/ DCD - 000/	Non-detect	R	
	%RSD > 90%	Detect	J	
	0/D 200/ (increase in consistinity)	Non-detect	UJ	
	%D >20% (increase in sensitivity)	Detect	J	
Cantinuina Calibratica	O/D 200/ (degrees in consistivity)	Non-detect	UJ	
Continuing Calibration	%D >20% (decrease in sensitivity)	Detect	J	
	0/D 000/ (in an and identity)	Non-detect	R	
	%D > 90% (increase/decrease in sensitivity)	Detect	J	

Note:

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.

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

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	Rep	oorted	Acceptable		Not Required	
	No	Yes	No	Yes	Required	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)					
Tier II Validation						
Holding times/Preservation		X	Х			
Tier III Validation	·					
System performance and column resolution		Х		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		Х		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: Bindu Sree M B

SIGNATURE: BAShims

DATE: September 09, 2024

PEER REVIEW: Andrew Korycinski

DATE: September 17, 2024

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS



Chain of Custody Record

1.21

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THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: Brighton -- 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763 Client Contact Regulatory program: - NPDES ☐ RCRA Company Name: Arcadis TestAmerica Laboratories, Inc. COC No: Client Project Manager: Kris Hinskey Site Contact: Christina Weaver Lab Contact: Mike DelMonico Address: 28550 Cabot Drive, Suite 500 Telephone: 248-994-2240 Telephone: 248-994-2240 Telephone: 330-497-9396 City/State/Zip: Novi, MI, 48377 COCs Analysis Turnaround Time Analyses For lab use only Email: kristoffer.hinskey@arcadis.com Phone: 248-994-2240 Walk-in client Sampler Name: TAT if different from below Project Name: Ford LTP Lotti e Jay ☐ 3 weeks ₹ 2 weeks Lab sampling Project Number: 30206169.0401.03 1 week 1,4-Dioxane 8260D SIM Frans-1,2-DCE 8260D 8260D 2 days PO # US3410018772 Shipping/Tracking No: ☐ 1 day Job/SDG No: Vinyl Chloride Matrix Containers & Preservatives TCE 8260D Sample Specific Notes ! HN03 Special Instructions: Sample Date | Sample Time Sample Identification TRIP BLANK_ 28 NG X X 1 Trip Blank 3 VOAs for 8260D MW-955_080624 816/24 X 3 VOAs for 8260D SIM Page 342 of 343 240-209074 Chain of Custody Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ▼ Non-Hazard | lammable rin Irritant Poison B ☐ Jnknown Return to Client Disposal By Lab Archive For Special Instructions/QC Requirements & Comments: 1213 1 Boston Post St. Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728 Level IV Reporting requested. NOVI COLD STORAGE Relinguished by ARCADIS 8/6/24 Date/Time: 817124 Receiver THAT PARTY NE MARTIN

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Client Sample Results

Client: Arcadis U.S., Inc. Job ID: 240-209074-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_28

Lab Sample ID: 240-209074-1 Date Collected: 08/06/24 00:00 **Matrix: Water**

Date Received: 08/08/24 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	VUJ V	1.0	0.49	ug/L			08/15/24 11:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/15/24 11:11	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 11:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/15/24 11:11	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 11:11	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/15/24 11:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137			-		08/15/24 11:11	1
4-Bromofluorobenzene (Surr)	100		56 - 136					08/15/24 11:11	1
Toluene-d8 (Surr)	99		78 - 122					08/15/24 11:11	1
Dibromofluoromethane (Surr)	90		73 - 120					08/15/24 11:11	1

Client Sample ID: MW-95S 080624

Date Collected: 08/06/24 14:45

Analyte

Date Collected: 08/06/24 14:45	watrix: water
Date Received: 08/08/24 08:00	
Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)	

1,4-Dioxane	2.0	DH NI	2.0	0.86 ug/L		08/21/24 18:46	1
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1 2-Dichloroethane-d4 (Surr)	104		68 127			08/21/24 18:46	

RL

MDL Unit

Method: SW846 8260D	- Volatile	Organic Com	pounds by GC/MS

Result Qualifier

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	₩ UJ	1.0	0.49	ug/L			08/15/24 13:10	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/15/24 13:10	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 13:10	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/15/24 13:10	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/15/24 13:10	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/15/24 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Pre	epared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	108		62 - 137			08/15/24 13:10	1	
4-Bromofluorobenzene (Surr)	97		56 - 136			08/15/24 13:10	1	
Toluene-d8 (Surr)	95		78 - 122			08/15/24 13:10	1	
Dibromofluoromethane (Surr)	88		73 - 120			08/15/24 13:10	1	

Lab Sample ID: 240-209074-2

Analyzed

Dil Fac

Prepared