ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Megan Meckley Arcadis US Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377 Generated 5/19/2025 7:49:26 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-224128-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203



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Job Notes

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Authorization

Generated 5/19/2025 7:49:26 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: 240-224128-1

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Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 240-224128-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.
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.

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

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4.0

13

| | 4

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Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-224128-1 Eurofins Cleveland

Job Narrative 240-224128-1

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 5/9/2025 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 3 coolers at receipt time were 1.5°C, 2.0°C and 2.1°C.

GC/MS VOA

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: MW-84S_050625 (240-224128-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Job ID: 240-224128-1

Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224128-1

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 US Inc.

Project/Site: Ford LTP

Job ID: 240-224128-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-224128-1	TRIP BLANK_52	Water	05/06/25 00:00	05/09/25 08:00
240-224128-2	MW-84_050625	Water	05/06/25 09:25	05/09/25 08:00
240-224128-3	MW-84S_050625	Water	05/06/25 10:45	05/09/25 08:00
240-224128-4	MW-82SR_050625	Water	05/06/25 11:45	05/09/25 08:00
240-224128-5	MW-82D_050625	Water	05/06/25 12:40	05/09/25 08:00

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Detection Summary

Project/Site: Ford LTP	
Client Sample ID: TRIP BLANK_52	Lab Sample ID: 240-224128-1
No Detections.	
Client Sample ID: MW-84_050625	Lab Sample ID: 240-224128-2
No Detections.	
Client Sample ID: MW-84S_050625	Lab Sample ID: 240-224128-3
No Detections.	
Client Sample ID: MW-82SR_050625	Lab Sample ID: 240-224128-4
No Detections.	
Client Sample ID: MW-82D_050625	Lab Sample ID: 240-224128-5
No Detections.	

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Job ID: 240-224128-1

Client: Arcadis US Inc.

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_52

Lab Sample ID: 240-224128-1 Date Collected: 05/06/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/15/25 15:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/15/25 15:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 15:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/15/25 15:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 15:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/15/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		05/15/25 15:29	1
4-Bromofluorobenzene (Surr)	91		56 ₋ 136					05/15/25 15:29	1
Toluene-d8 (Surr)	103		78 - 122					05/15/25 15:29	1
Dibromofluoromethane (Surr)	108		73 - 120					05/15/25 15:29	1

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Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Client Sample ID: MW-84_050625

Date Collected: 05/06/25 09:25

104

Matrix: Water

05/15/25 22:08

Lab Sample ID: 240-224128-2

Date Received: 05/09/25 08:00

Dibromofluoromethane (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		68 - 127			-		05/14/25 04:43	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			05/15/25 22:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/15/25 22:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 22:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/15/25 22:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 22:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/15/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		62 - 137			-		05/15/25 22:08	1
4-Bromofluorobenzene (Surr)	89		56 - 136					05/15/25 22:08	1
Toluene-d8 (Surr)	98		78 ₋ 122					05/15/25 22:08	1

73 - 120

5/19/2025

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

Dibromofluoromethane (Surr)

Client Sample ID: MW-84S_050625

Date Collected: 05/06/25 10:45

121 S1+

Lab Sample ID: 240-224128-3 **Matrix: Water**

05/16/25 07:08

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 05:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	76		68 - 127			-		05/14/25 05:07	1
Method: SW846 8260D - Volati	le 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			05/16/25 07:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/25 07:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/25 07:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/25 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 137			_		05/16/25 07:08	1
4-Bromofluorobenzene (Surr)	94		56 - 136					05/16/25 07:08	1
Toluene-d8 (Surr)	104		78 ₋ 122					05/16/25 07:08	1

73 - 120

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Client Sample ID: MW-82SR_050625

Lab Sample ID: 240-224128-4 Date Collected: 05/06/25 11:45

Matrix: Water

Date Received: 05/09/25 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		68 - 127					05/14/25 05:30	1

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1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/16/25 07:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/25 07:55	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/25 07:55	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:55	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/25 07:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		62 - 137			_		05/16/25 07:55	1
4-Bromofluorobenzene (Surr)	88		56 - 136					05/16/25 07:55	1

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		62 - 137	_		05/16/25 07:55	1
4-Bromofluorobenzene (Surr)	88		56 - 136			05/16/25 07:55	1
Toluene-d8 (Surr)	97		78 - 122			05/16/25 07:55	1
Dibromofluoromethane (Surr)	106		73 - 120			05/16/25 07:55	1

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Surrogate

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Client Sample ID: MW-82D_050625

Lab Sample ID: 240-224128-5 Date Collected: 05/06/25 12:40

Matrix: Water

Dil Fac

Analyzed

05/16/25 08:19

05/16/25 08:19

05/16/25 08:19

05/16/25 08:19

Prepared

Date	Received:	05/09/25	08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		68 - 127			-		05/14/25 05:54	1
Method: SW846 8260D - Volat Analyte	•	Ounds by G Qualifier	C/MS		Unit	D	Prepared	Analyzed	Dil Fac
	•	Qualifier			Unit ug/L	<u> </u>	Prepared	Analyzed 05/16/25 08:19	Dil Fac
Analyte	Result	Qualifier U	RL	0.49		<u>D</u> -	Prepared	·	Dil Fac
Analyte 1,1-Dichloroethene	Result 1.0	Qualifier U	RL	0.49 0.46	ug/L	<u> </u>	Prepared	05/16/25 08:19	Dil Fac 1 1 1
Analyte 1,1-Dichloroethene cis-1,2-Dichloroethene Tetrachloroethene	Result 1.0 1.0	Qualifier U U U	1.0 1.0	0.49 0.46 0.44	ug/L ug/L	<u>D</u> -	Prepared	05/16/25 08:19 05/16/25 08:19	Dil Fac 1 1 1 1
Analyte 1,1-Dichloroethene cis-1,2-Dichloroethene	Result 1.0 1.0 1.0	Qualifier U U U U	1.0 1.0 1.0	0.49 0.46 0.44 0.51	ug/L ug/L ug/L	<u>D</u> .	Prepared	05/16/25 08:19 05/16/25 08:19 05/16/25 08:19	Dil Fac 1 1 1 1 1 1 1

Limits

62 - 137

56 - 136

78 - 122

73 - 120

%Recovery Qualifier

103

82

92

104

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Surrogate Summary

Client: Arcadis US Inc. Job ID: 240-224128-1 Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

				Percent Su	rrogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-224128-1	TRIP BLANK_52	112	91	103	108
240-224128-2	MW-84_050625	107	89	98	104
240-224128-3	MW-84S_050625	121	94	104	121 S1+
240-224128-4	MW-82SR_050625	108	88	97	106
240-224128-5	MW-82D_050625	103	82	92	104
240-224130-C-2 MS	Matrix Spike	97	101	103	99
240-224130-C-2 MSD	Matrix Spike Duplicate	94	97	97	93
240-224135-A-2 MS	Matrix Spike	99	105	104	100
240-224135-A-2 MSD	Matrix Spike Duplicate	96	101	100	95
LCS 240-656137/5	Lab Control Sample	101	107	104	102
LCS 240-656137/6	Lab Control Sample	97	92	92	98
LCS 240-656215/2	Lab Control Sample	97	103	102	99
LCSD 240-656215/3	Lab Control Sample Dup	100	104	104	102
MB 240-656137/10	Method Blank	107	92	99	102
MB 240-656215/6	Method Blank	106	90	99	103

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)	
240-224128-2	MW-84_050625	82	
240-224128-3	MW-84S_050625	76	
240-224128-4	MW-82SR_050625	78	
240-224128-5	MW-82D_050625	80	
240-224130-E-2 MS	Matrix Spike	79	
240-224130-E-2 MSD	Matrix Spike Duplicate	83	
LCS 240-655848/2	Lab Control Sample	80	
MB 240-655848/4	Method Blank	80	
Surrogate Legend			

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Job ID: 240-224128-1

Client: Arcadis US Inc. Project/Site: Ford LTP

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

Lab Sample ID: MB 240-656137/10

Matrix: Water

Analysis Batch: 656137

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

Type: Total/NA

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/15/25 13:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/15/25 13:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 13:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/15/25 13:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 13:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/15/25 13:08	1

MB MB

Surrogate	%Recovery Qualifie	er Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107	62 - 137		05/15/25 13:08	1
4-Bromofluorobenzene (Surr)	92	56 - 136		05/15/25 13:08	1
Toluene-d8 (Surr)	99	78 - 122		05/15/25 13:08	1
Dibromofluoromethane (Surr)	102	73 - 120		05/15/25 13:08	1

Lab Sample ID: LCS 240-656137/5

Matrix: Water

Analysis Batch: 656137

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,1-Dichloroethene 20.0 19.3 96 63 - 134 ug/L 20.0 cis-1,2-Dichloroethene 19.6 ug/L 98 77 - 123 Tetrachloroethene 20.0 18.7 94 76 - 123 ug/L trans-1,2-Dichloroethene 20.0 197 ug/L 99 75 - 124 Trichloroethene 20.0 18.4 ug/L 92 70 - 122 Vinyl chloride 20.0 15.7 ug/L 78 60 - 144

LCS LCS

Surrogate	%Recovery Qua	lifier Limits
1,2-Dichloroethane-d4 (Surr)	101	62 - 137
4-Bromofluorobenzene (Surr)	107	56 - 136
Toluene-d8 (Surr)	104	78 - 122
Dibromofluoromethane (Surr)	102	73 - 120

Lab Sample ID: LCS 240-656137/6 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 656137

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	92		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

Lab Sample ID: 240-224130-C-2 MS

Matrix: Water

Analysis Batch: 656137

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

%Rec Sample Sample Spike MS MS Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits 1,1-Dichloroethene 1.0 U 20.0 17.9 89 ug/L 56 - 135 cis-1,2-Dichloroethene 1.0 U 20.0 18.6 ug/L 93 66 - 128

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QC Sample Results

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

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

Matrix: Water

Analysis Batch: 656137

Lab Sample ID: 240-224130-C-2 MS

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier %Rec Limits Unit U 18.0 62 - 131 Tetrachloroethene 1.0 20.0 ug/L 90 trans-1,2-Dichloroethene 1.0 U 20.0 18.6 ug/L 93 56 - 136 Trichloroethene 20.0 16.6 83 61 - 124 1.0 U ug/L Vinyl chloride 1.0 U 20.0 15.1 ug/L 76 43 - 157

MS MS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	101		56 - 136
Toluene-d8 (Surr)	103		78 - 122
Dibromofluoromethane (Surr)	99		73 - 120

Client Sample ID: Matrix Spike Duplicate

43 _ 157

Prep Type: Total/NA

Matrix: Water Analysis Batch: 656137

Vinyl chloride

Lab Sample ID: 240-224130-C-2 MSD

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit 1,1-Dichloroethene 1.0 U 56 - 135 20.0 16.6 ug/L 83 26 66 - 128 cis-1,2-Dichloroethene 1.0 U 20.0 18.3 ug/L 92 14 Tetrachloroethene 1.0 U 20.0 16.9 ug/L 84 62 - 131 20 trans-1,2-Dichloroethene 20.0 17.8 56 - 136 1.0 U ug/L 89 15 Trichloroethene 1.0 U 20.0 16.5 ug/L 82 61 - 124 15 20.0 13.9 69

ug/L

MSD MSD

1.0 U

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		62 - 137
4-Bromofluorobenzene (Surr)	97		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	9.3		73 - 120

Lab Sample ID: MB 240-656215/6 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 656215

мв мв Analyte Result Qualifier RL MDL Unit Dil Fac D Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 05/16/25 00:29 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 05/16/25 00:29 Tetrachloroethene 1.0 U 1.0 0.44 ug/L 05/16/25 00:29 trans-1,2-Dichloroethene 1.0 U 1.0 0.51 ug/L 05/16/25 00:29 Trichloroethene 10 U 1.0 0.44 ug/L 05/16/25 00:29 Vinyl chloride 1.0 U 1.0 0.45 ug/L 05/16/25 00:29

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 137	_		05/16/25 00:29	1
4-Bromofluorobenzene (Surr)	90		56 - 136			05/16/25 00:29	1
Toluene-d8 (Surr)	99		78 - 122			05/16/25 00:29	1
Dibromofluoromethane (Surr)	103		73 - 120			05/16/25 00:29	1

Eurofins Cleveland

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24

Client: Arcadis US Inc. Job ID: 240-224128-1

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

Lab Sample ID: LCS 240-656215/2

Matrix: Water

Project/Site: Ford LTP

Analysis Batch: 656215

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	17.5		ug/L		87	63 - 134	
cis-1,2-Dichloroethene	20.0	18.5		ug/L		93	77 - 123	
Tetrachloroethene	20.0	17.0		ug/L		85	76 - 123	
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	75 - 124	
Trichloroethene	20.0	17.9		ug/L		90	70 - 122	
Vinyl chloride	20.0	15.0		ug/L		75	60 - 144	

LCS LCS %Recovery Qualifier Surrogate Limits 62 - 137 1,2-Dichloroethane-d4 (Surr) 97 4-Bromofluorobenzene (Surr) 103 56 - 136 Toluene-d8 (Surr) 102 78 - 122 Dibromofluoromethane (Surr) 99 73 - 120

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Batch: 656215

Matrix: Water

Lab Sample ID: LCSD 240-656215/3

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	20.0	18.9		ug/L		94	63 - 134	8	35
cis-1,2-Dichloroethene	20.0	19.1		ug/L		95	77 - 123	3	35
Tetrachloroethene	20.0	17.3		ug/L		87	76 - 123	2	35
trans-1,2-Dichloroethene	20.0	18.9		ug/L		95	75 - 124	4	35
Trichloroethene	20.0	17.7		ug/L		88	70 - 122	2	35
Vinyl chloride	20.0	15.7		ug/L		79	60 - 144	5	35

	LCSD	LCSD		
Surrogate	%Recovery	Qualifier	Limits	
1,2-Dichloroethane-d4 (Surr)	100		62 _ 137	
4-Bromofluorobenzene (Surr)	104		56 ₋ 136	
Toluene-d8 (Surr)	104		78 - 122	
Dibromofluoromethane (Surr)	102		73 - 120	

Lab Sample ID: 240-224135-A-2 MS Client Sample ID: Matrix Spike Prep Type: Total/NA

Matrix: Water

Analysis Batch: 656215

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	1.0	U	20.0	19.8		ug/L		99	56 - 135	
cis-1,2-Dichloroethene	1.0	U	20.0	19.1		ug/L		95	66 - 128	
Tetrachloroethene	1.0	U	20.0	19.3		ug/L		96	62 - 131	
trans-1,2-Dichloroethene	1.0	U	20.0	19.4		ug/L		97	56 - 136	
Trichloroethene	1.0	U	20.0	17.3		ug/L		87	61 - 124	
Vinyl chloride	1.0	U	20.0	15.8		ug/L		79	43 - 157	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		62 - 137
4-Bromofluorobenzene (Surr)	105		56 - 136
Toluene-d8 (Surr)	104		78 - 122

Eurofins Cleveland

5/19/2025

Job ID: 240-224128-1

Prep Type: Total/NA

Client Sample ID: Matrix Spike

Client: Arcadis US Inc.

Project/Site: Ford LTP

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

MS MS

Lab Sample ID: 240-224135-A-2 MS **Matrix: Water**

Analysis Batch: 656215

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 100 73 - 120

Lab Sample ID: 240-224135-A-2 MSD

Analysis Batch: 656215

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

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 1,1-Dichloroethene 1.0 U 20.0 18.8 ug/L 94 56 - 135 26 cis-1,2-Dichloroethene 10 U 20.0 92 66 - 128 18 4 ug/L 14 Tetrachloroethene 1.0 U 20.0 19.1 ug/L 95 62 - 131 20 trans-1,2-Dichloroethene 15 1.0 U 20.0 18.7 ug/L 94 56 - 136 Trichloroethene 1.0 U 20.0 17.6 ug/L 88 61 - 124 15 Vinyl chloride 1.0 U 20.0 16.0 ug/L 43 - 157 24

MSD MSD Qualifier Surrogate %Recovery Limits 1,2-Dichloroethane-d4 (Surr) 96 62 - 137 4-Bromofluorobenzene (Surr) 101 56 - 136 Toluene-d8 (Surr) 100 78 - 122 Dibromofluoromethane (Surr) 95 73 - 120

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

Lab Sample ID: MB 240-655848/4

Matrix: Water

Analysis Batch: 655848

MR MR

Analyte Result Qualifier RL MDL Unit Analyzed Dil Fac Prepared 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 05/14/25 00:01

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 80 68 - 127 05/14/25 00:01

Lab Sample ID: LCS 240-655848/2

Matrix: Water

Analysis Batch: 655848

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 8.87 ug/L 89 75 - 121

LCS LCS

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

Lab Sample ID: 240-224130-E-2 MS

Matrix: Water

Analysis Ratch: 655848

Alialysis Datell. 000040											
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
1,4-Dioxane	2.0	U	10.0	9.76		ug/L		98	20 - 180		

Eurofins Cleveland

5/19/2025

Prep Type: Total/NA

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Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Matrix Spike

QC Sample Results

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	79		68 - 127

1,2-Dichloroethane-d4 (Surr)	79	68 - 127	
	en.		

%Recovery Qualifier

83

Matrix: Water							
Analysis Batch: 6	55848						

1,2-Dichloroethane-d4 (Surr)

Surrogate

	;	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte		Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Diox	ane	2.0	U	10.0	9.74		ug/L		97	20 - 180	0	20
		MSD	MSD									

Limits

68 - 127

10

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

12

13

14

QC Association Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-224128-1

GC/MS VOA

Analysis Batch: 655848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-224128-2	MW-84_050625	Total/NA	Water	8260D SIM	
240-224128-3	MW-84S_050625	Total/NA	Water	8260D SIM	
240-224128-4	MW-82SR_050625	Total/NA	Water	8260D SIM	
240-224128-5	MW-82D_050625	Total/NA	Water	8260D SIM	
MB 240-655848/4	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-655848/2	Lab Control Sample	Total/NA	Water	8260D SIM	
240-224130-E-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-224130-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 656137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
240-224128-1	TRIP BLANK_52	Total/NA	Water	8260D	
240-224128-2	MW-84_050625	Total/NA	Water	8260D	
MB 240-656137/10	Method Blank	Total/NA	Water	8260D	
LCS 240-656137/5	Lab Control Sample	Total/NA	Water	8260D	
LCS 240-656137/6	Lab Control Sample	Total/NA	Water	8260D	
240-224130-C-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-224130-C-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 656215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-224128-3	MW-84S_050625	Total/NA	Water	8260D	<u> </u>
240-224128-4	MW-82SR_050625	Total/NA	Water	8260D	
240-224128-5	MW-82D_050625	Total/NA	Water	8260D	
MB 240-656215/6	Method Blank	Total/NA	Water	8260D	
LCS 240-656215/2	Lab Control Sample	Total/NA	Water	8260D	
LCSD 240-656215/3	Lab Control Sample Dup	Total/NA	Water	8260D	
240-224135-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-224135-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

6

9

11

12

13

112

Job ID: 240-224128-1

Client: Arcadis US Inc. Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_52

Lab Sample ID: 240-224128-1 Date Collected: 05/06/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

		Batch	Batch		Dilution	Batch			Prepared
Pre	р Туре	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Tota	al/NA	Analysis	8260D		1	656137	AJS	EET CLE	05/15/25 15:29

Lab Sample ID: 240-224128-2 Client Sample ID: MW-84_050625

Matrix: Water

Date Collected: 05/06/25 09:25 Date Received: 05/09/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	656137	AJS	EET CLE	05/15/25 22:08
Total/NA	Analysis	8260D SIM		1	655848	R5XG	EET CLE	05/14/25 04:43

Lab Sample ID: 240-224128-3 Client Sample ID: MW-84S_050625

Date Collected: 05/06/25 10:45 **Matrix: Water**

Date Received: 05/09/25 08:00

Batch Batch Dilution Batch Prepared Factor Prep Type Туре Method Run **Number Analyst** or Analyzed Lab 05/16/25 07:08 8260D Total/NA Analysis 656215 AJS EET CLE 05/14/25 05:07 Total/NA Analysis 8260D SIM 655848 R5XG EET CLE 1

Client Sample ID: MW-82SR 050625 Lab Sample ID: 240-224128-4

Date Collected: 05/06/25 11:45 **Matrix: Water**

Date Received: 05/09/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	656215	AJS	EET CLE	05/16/25 07:55
Total/NA	Analysis	8260D SIM		1	655848	R5XG	EET CLE	05/14/25 05:30

Client Sample ID: MW-82D_050625 Lab Sample ID: 240-224128-5

Date Collected: 05/06/25 12:40 **Matrix: Water**

Date Received: 05/09/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	656215	AJS	EET CLE	05/16/25 08:19
Total/NA	Analysis	8260D SIM		1	655848	R5XG	EET CLE	05/14/25 05:54

Laboratory References:

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

Eurofins Cleveland

Accreditation/Certification Summary

Client: Arcadis US Inc. Job ID: 240-224128-1 Project/Site: Ford LTP

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			
Connecticut	State	PH-0806	12-31-26		
Georgia	State	4062	02-27-26		
Illinois	NELAP	200004	08-31-25		
lowa	State	421	06-01-25		
Kansas	NELAP	E-10336	01-31-26		
Kentucky (UST)	State	112225	02-28-26		
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	04-01-26		
North Dakota	State	R-244	02-27-26		
Ohio	State	8303	11-04-25		
Ohio VAP	State	ORELAP 4062	02-28-26		
Oregon	NELAP	4062	02-27-26		
Pennsylvania	NELAP	68-00340	08-31-25		
Texas	NELAP	T104704517-22-19	08-31-25		
US Fish & Wildlife	US Federal Programs	A26406	02-28-26		
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		

MICHIGAN

Chain of Custody Record

190 _{Test}	America Labora	tory location:	Farm	ington	Hills -	388	55 Hills	Tech	h Dri	ive, Suite	600	, Farm	ningto	n Hill:	s 483	31								7		VIRONMENTAL TESTIN
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City/State/Zip: Novi, MI, 48377	Telephone: 246	-974-2240					l elej	pnone	. 24	0-774-22	40					retep	none.	330-4	,,-,3:	,0					1 of	1 COCs
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Project Name: Ford LTP	Sampler Name		N				L	11 dille	rent ii	3 we	eks														Walk-in Cheik	
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Sample Identification	Sample Date	Sample Time	Ę	Aqueous	Solid	Other:	112504	HNO3	2	NaOH Zn.Vd NaOH	Unpres	Oaher:	ije i	Com Com	7.	Is-1	rans	S	TCE	<u>5</u>	14				Special	Instructions:
	Sample Date	Sample Time		4 S	8		+-	-	-	2 8 2	-		F	-	_	<u> </u>	_	а.	_	_>	-	-	+	+		
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MW-845_056625	05/06/25	10:45		6					6				N	6	X	X	X	×	X	×	1					1
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Submit all results through Cadena at jtomalia@cadenaco. Level IV Reporting requested.	com, Cadena #E	Stalk 203728	RU	W																						
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	VOA Sample Preservation - Date/Time VOAs Frozen.
were further preserved in the laboratory	Sample(s)werewere
unended holding time had expired were received in a broken container ibble >6 mm in diameter (Notify PM)	19 SAMPLE CONDITION Sample(s)
Labeled by: Labels Venfied by:	18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES [1] additional next page
via Verbal Voice Mail Other	Contacted PM Date by vıa Verba
Yes No MA ph Strip Lot# HC457151 Yes No Yes No Yes No Yes No Yes No	12. Are these work share samples and all listed on the COC? If yes, Questions 13-17 have been checked at the originating laboratory 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 #/\(\text{V/A}\) 17 Was a LL Hg or Me Hg trip blank present?
Me No d sample type of grab/comp(YZM)? Yes, No Yes) No	Did all bottles arrive in good condition (Unbroken)? Could all bottle labels (ID/Date/Time) be reconciled with the COC? For each sample, does the COC specify preservatives (VN), # of containers (VN), and Were correct bottle(s) used for the test(s) indicated? Sufficient quantity received to perform indicated analyses?
Yes No NA Yes No Oil and Grease Yes No TOC	 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? -Were tamper/custody seals intact and uncompromised? Shippers' packing slip attached to the cooler(s)? Did custody papers accompany the sample(s)? Were the custody papers relinquished & signed in the appropriate place? Was/were the person(s) who collected the samples clearly identified on the COC?
er Form °C Corrected Cooler Temp°C	Cooler temperature upon receipt IR GUN # 16 (CF - 0 7 °C) Observed Cooler Temp
	Drop-off Date/Time E(Foam Box Client Cooler Boused. Bubble Wrap Foam Plastic Bag Wettbe Blue Ice Dry-Ice Water
Cooler unpacked by: \(\mathcal{Marhn} \) Other	Chent AvcaOrS Cooler Received on 519125 Cooler Received on 519125 FedEx-1" Grd Exp. UPS FAS Waypoint ChentDrop.Off Eurofins Courier.
##	Burofins — Gleveland Sample Receipt Form/Narrative Login# Barberton Facility — Login#

Page 24 of 26

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Wet Ice Blue Ice Dry Ice Water None			IR GUN #:	Box Other	EC Client	
Wet Ice Blue Ice Dry Ice Water None			IR GUN #	Box Other	EC Client	
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Blue Ice afer None			IR GUN #:	Box Other	EC Client	
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Wet Ice Blue Ice Dry Ice Water None			IR GUN #:	Box Other	EC Client	
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e Blue	1 5	2.2	IR GUN #:	Box Other	C) Client	
Wellad Blue Ice Dry Ice Water Nane	2.1	2.6	IR GUN #:	Box Other) ci!	
Coolant (Circle)	Corrected Temp °C	IR Gun # Observed Corrected (Circle) Temp °C Temp °C	IR Gun # (Circle)	scription cle)	Cooler Description (Circle)	

Login#.

5/9/2025

240-224128

5/19/2025

Login Container Summary Report

MW-82D_050625	MW-82D_050625	MW-82D_050625	MW-82D_050625	MW-82D_050625	MW-82D_050625	MW-82SR_050625	MW-82SR_050625	MW-82SR_050625	MW-82SR_050625	MW-82SR_050625	MW-82SR_050625	MW-84S_050625	MW-84S_050625	MW-84S_050625	MW-84S_050625	MW-84S_050625	MW-84S_050625	MW-84_050625	MW-84_050625	MW-84_050625	MW-84_050625	MW-84_050625	MW-84_050625	TRIP BLANK_52	Client Sample ID	Temperature readings
240-224128-F-5	240-224128-E-5	240-224128-D-5	240-224128-C-5	240-224128-B-5	240-224128-A-5	240-224128-F-4	240-224128-E-4	240-224128-D-4	240-224128-C-4	240-224128-B-4	240-224128-A-4	240-224128-F-3	240-224128-E-3	240-224128-D-3	240-224128-C-3	240-224128-B-3	240-224128-A-3	240-224128-F-2	240-224128-E-2	240-224128-D-2	240-224128-C-2	240-224128-B-2	240-224128-A-2	240-224128-A-1	<u>Lab ID</u>	
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DATA VERIFICATION REPORT



May 19, 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) Event Specific Scope of Work References: Sample COC Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory submittal: 224128-1 Sample date: 2025-05-06

Report received by CADENA: 2025-05-19

Initial Data Verification completed by CADENA: 2025-05-19

Number of Samples:5 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:

GCMS VOC sample -003 SURROGATE recoveries were outliers biased high for at least 1 surrogate. Associated client sample results were non-detect so qualification was not required based on these high bias QC outliers.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, 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 $48108\ 517\text{-}819\text{-}0356$

CADENA Valid Qualifiers

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

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 224128-1

		Sample Name: Lab Sample ID: Sample Date:		1281			MW-84 240224 5/6/202				MW-849 240224 5/6/202		5		MW-829 240224 5/6/202	1284	25		MW-820 240224 5/6/202	1285	<u>!</u> 5	
				Report		Valid		Report		Valid		Report		Valid		Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC																						
OSW-8260	<u>)D</u>																					
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l		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		ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l	
	Tetrachloroethene	127-18-4	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l		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		ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l	
	Trichloroethene	79-01-6	ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l		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		ND	1.0	ug/l		ND	1.0	ug/l		ND	1.0	ug/l	
OSW-8260	<u>DDSIM</u>																					
	1,4-Dioxane	123-91-1					ND	2.0	ug/l		ND	2.0	ug/l		ND	2.0	ug/l		ND	2.0	ug/l	



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-224128-1

CADENA Verification Report: 2025-05-19 Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 59607R Review Level: Tier III Project: 30251157.401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-224128-1 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	Lab ID	Watrix	Collection Date	ratetit Sattiple	voc	VOC SIM
TRIP BLANK_52	240-224128-1	Water	05/06/2025		Х	
MW-84_050625	240-224128-2	Water	05/06/2025		Х	Х
MW-84S_050625	240-224128-3	Water	05/06/2025		Х	Х
MW-82SR_050625	240-224128-4	Water	05/06/2025		X	X
MW-82D_050625	240-224128-5	Water	05/06/2025		X	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	orted	Perfori Accep		Not
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
2. Requested analyses and sample results		X		Х	
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	
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.

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: 8260D/8260D-SIM	Rep	orted	Perfo	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		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		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: June 13, 2025

PEER REVIEW: Andrew Korycinski

DATE: June 16, 2025

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

MICHIGAN

Chain of Custody Record

190 _{Test}	America Labora	tory location:	Farm	ington	Hills -	388	55 Hills	Tech	h Dri	ive, Suite	600	, Farm	ningto	n Hill:	s 483	31								7		VIRONMENTAL TESTIN
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Company Name: Arcadis	∃ "																								TestAmerica	Laboratories, In
	Client Project	Manager: Mega	ın Me	kley			Site	Conta	ict: 5	Samanth	a Szp	aichle	r			Lab (Contac	t: Mil	c Del	Monic	0				COC No:	
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City/State/Zip: Novi, MI, 48377	Telephone: 246	-974-2240					l elej	pnone	. 24	0-774-22	40					retep	none.	330-4	,,-,3:	,0					1 of	1 COCs
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Phone: 248-994-2240							TAT	C 11 00		rom below	_		1												Walk-in client	No. of Concession, Name of Street, or other Persons, Name of Street, or other Persons, Name of Street, Name of
Project Name: Ford LTP	Sampler Name		N				L	11 dille	rent ii	3 we	eks														Walk-in Cheik	
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Project Number: 30251157.401.04	Method of Ship	ment/Carrier:					1	1 week				2			0	NS										
PO # US3460023914	Shipping/Track	ing No:					1	Ingovariantes & Preservatives Containers & Preservatives Composite = C / Grab = G Composite = C / G Comp			0	326(2601	8				Job/SDG No:						
												- 2 S				8260D	E S			e 8.	826					
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Sample Identification	Sample Date	Sample Time	Ę	Aqueous	Solid	Other:	112504	HNO3	2	NaOH Zn.Vd NaOH	Unpres	Oaher:	ije i	Com Com	7.	Is-1	rans	S	TCE	<u>5</u>	14				Special	Instructions:
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TRIP BLANK_ \$\frac{5}{2}				1					1				N	G	Χ	Χ	Х	X	Х	Χ					1 Trip B	lank
Mn-84 020022	05/06/15	9:25		6					6				N	6	X	K	×	X	X	X	X				3 VOAs f 3 VOAs f	or 8260D for 8260D SIM
MW-845_056625	05/06/25	10:45		6					6				N	6	X	X	X	×	X	×	1					1
MW-825R_050625	05/06/16	11:45		6					Ġ				N	4	X	X	×	X	×	×	X					
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Possible Hazard Identification Non-Hazard I'lammable kin Irritan	t Poise	n B	Jnkn	owen.			S:			posal (A m to Clica			assess Dispos				retair A			an l		nths				
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Submit all results through Cadena at jtomalia@cadenaco. Level IV Reporting requested.	com, Cadena #E	Stalk 203728	RU	W																						
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Definitions/Glossary

Client: Arcadis US Inc.

Job ID: 240-224128-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

Qualifier Description

S1+ Surrogate recovery exceeds control limits, high biased.
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.

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

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4

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14

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_52

Lab Sample ID: 240-224128-1 Date Collected: 05/06/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			05/15/25 15:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/15/25 15:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 15:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/15/25 15:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 15:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/15/25 15:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		05/15/25 15:29	1
4-Bromofluorobenzene (Surr)	91		56 ₋ 136					05/15/25 15:29	1
Toluene-d8 (Surr)	103		78 - 122					05/15/25 15:29	1
Dibromofluoromethane (Surr)	108		73 - 120					05/15/25 15:29	1

Eurofins Cleveland

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Client Sample ID: MW-84_050625

Date Collected: 05/06/25 09:25

104

Matrix: Water

05/15/25 22:08

Lab Sample ID: 240-224128-2

Date Received: 05/09/25 08:00

Dibromofluoromethane (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	82		68 - 127			-		05/14/25 04:43	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			05/15/25 22:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/15/25 22:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 22:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/15/25 22:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/15/25 22:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/15/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		62 - 137			-		05/15/25 22:08	1
4-Bromofluorobenzene (Surr)	89		56 - 136					05/15/25 22:08	1
Toluene-d8 (Surr)	98		78 ₋ 122					05/15/25 22:08	1

73 - 120

5/19/2025

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Dibromofluoromethane (Surr)

Client Sample ID: MW-84S_050625

Lab Sample ID: 240-224128-3 Date Collected: 05/06/25 10:45

121 S1+

Matrix: Water

Date Received:	05/09/25	08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1.4-Dioxane	2.0		2.0		ug/L	— <u>-</u> -	Порагоа	05/14/25 05:07	1
,					3				
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	<u></u>		68 - 127			_		05/14/25 05:07	1

Surrogate	%Recovery	Qualifier	Limits				Preparea	Anaiyzea	DII Fac
1,2-Dichloroethane-d4 (Surr)	76		68 - 127					05/14/25 05:07	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			05/16/25 07:08	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/25 07:08	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:08	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/25 07:08	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:08	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/25 07:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 137			_		05/16/25 07:08	1
4-Bromofluorobenzene (Surr)	94		56 ₋ 136					05/16/25 07:08	1
Toluene-d8 (Surr)	104		78 - 122					05/16/25 07:08	1

73 - 120

05/16/25 07:08

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Date Received: 05/09/25 08:00

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-82SR_050625

Lab Sample ID: 240-224128-4 Date Collected: 05/06/25 11:45

Matrix: Water

05/16/25 07:55

05/16/25 07:55

05/16/25 07:55

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	78		68 - 127			-		05/14/25 05:30	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			05/16/25 07:55	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			05/16/25 07:55	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:55	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			05/16/25 07:55	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			05/16/25 07:55	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			05/16/25 07:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		05/16/25 07:55	

56 - 136

78 - 122

73 - 120

88

97

106

5/19/2025

Client: Arcadis US Inc. Job ID: 240-224128-1

Project/Site: Ford LTP

Analyte

Date Received: 05/09/25 08:00

Client Sample ID: MW-82D_050625

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

Result Qualifier

Lab Sample ID: 240-224128-5 Date Collected: 05/06/25 12:40

Matrix: Water

Analyzed

Method: SW846 8260D SIM - V	olatile Organic C	ompounds	(GC/MS)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			05/14/25 05:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	80		68 - 127			_		05/14/25 05:54	1

RL

MDL Unit

Prepared

1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L		05/16/25 08:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L		05/16/25 08:19	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L		05/16/25 08:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L		05/16/25 08:19	1
Trichloroethene	1.0	U	1.0	0.44	ug/L		05/16/25 08:19	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L		05/16/25 08:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137				05/16/25 08:19	1
4-Bromofluorobenzene (Surr)	82		56 ₋ 136				05/16/25 08:19	1
Toluene-d8 (Surr)	92		78 - 122				05/16/25 08:19	1
Dibromofluoromethane (Surr)	104		73 - 120				05/16/25 08:19	1

Dil Fac