PREPARED FOR

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

Generated 8/14/2024 1:00:40 PM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-208969-1

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: 240-208969-1

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Definitions/Glossary

Client: Arcadis U.S., Inc.

Job ID: 240-208969-1

Project/Site: Ford LTP

Qualifiers

GC/MS VOA

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

Glossary

CNF

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

DER Duplicate Error Ratio (normalized absolute difference)

Contains No Free Liquid

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: 240-208969-1 Eurofins Cleveland

Job Narrative 240-208969-1

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 8/7/2024 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2°C and 1.3°C.

GC/MS VOA

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

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Job ID: 240-208969-1

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Method Summary

Client: Arcadis U.S., Inc. Job ID: 240-208969-1 Project/Site: Ford LTP

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

Sample Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-208969-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-208969-1	TRIP BLANK_97	Water	07/31/24 00:00	08/07/24 08:00
240-208969-2	MW-83_073124	Water	07/31/24 12:55	08/07/24 08:00
240-208969-3	MW-83S_073124	Water	07/31/24 13:40	08/07/24 08:00

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Detection Summary

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_97

No Detections.

Client Sample ID: MW-83_073124

No Detections.

Client Sample ID: MW-83S_073124

Lab Sample ID: 240-208969-2

Lab Sample ID: 240-208969-3

Job ID: 240-208969-1

No Detections.

Client: Arcadis U.S., Inc.

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Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-208969-1 Date Collected: 07/31/24 00:00

Matrix: Water

Date Received: 08/07/24 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			08/09/24 15:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 15:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 15:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 15:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 15:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		62 - 137			_		08/09/24 15:24	1
4-Bromofluorobenzene (Surr)	104		56 ₋ 136					08/09/24 15:24	1
Toluene-d8 (Surr)	102		78 - 122					08/09/24 15:24	1
Dibromofluoromethane (Surr)	93		73 - 120					08/09/24 15:24	

Eurofins Cleveland

Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Date Received: 08/07/24 08:00

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-83_073124

Lab Sample ID: 240-208969-2 Date Collected: 07/31/24 12:55

Matrix: Water

08/09/24 19:22

08/09/24 19:22

08/09/24 19:22

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/09/24 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 127			-		08/09/24 16:33	1
- Method: SW846 8260D - Volat	ile Organic Comp	ounds by G	GC/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/09/24 19:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 19:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 19:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			62 - 137			-		08/09/24 19:22	

56 - 136

78 - 122

73 - 120

96

96

87

Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Date Received: 08/07/24 08:00

Client Sample ID: MW-83S_073124

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

Lab Sample ID: 240-208969-3 Date Collected: 07/31/24 13:40

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			08/09/24 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			68 - 127			-		08/09/24 16:56	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/09/24 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 19:42	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 19:42	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:42	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		62 - 137			_		08/09/24 19:42	1
4-Bromofluorobenzene (Surr)	110		56 ₋ 136					08/09/24 19:42	1
Toluene-d8 (Surr)	108		78 - 122					08/09/24 19:42	1
Dibromofluoromethane (Surr)	99		73 - 120					08/09/24 19:42	1

Surrogate Summary

Client: Arcadis U.S., Inc. Job ID: 240-208969-1 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)
240-208969-1	TRIP BLANK_97	115	104	102	93
240-208969-2	MW-83_073124	106	96	96	87
240-208969-3	MW-83S_073124	122	110	108	99
240-208970-B-3 MS	Matrix Spike	106	105	93	96
240-208970-B-3 MSD	Matrix Spike Duplicate	111	109	100	102
LCS 240-622864/5	Lab Control Sample	112	114	103	96
MB 240-622864/11	Method Blank	112	106	98	86

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)

Prep Type: Total/NA **Matrix: Water**

			Percent Surrogate Recovery (Acceptance Limits)
		DCA	
Lab Sample ID	Client Sample ID	(68-127)	
240-208894-B-3 MS	Matrix Spike	107	
240-208894-B-3 MSD	Matrix Spike Duplicate	109	
240-208969-2	MW-83_073124	105	
240-208969-3	MW-83S_073124	107	
LCS 240-622852/4	Lab Control Sample	98	
MB 240-622852/6	Method Blank	105	

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

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Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

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

Matrix: Water

Analysis Batch: 622864

Lab Sample ID: MB 240-622864/11

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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/09/24 13:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 13:46	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 13:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 13:46	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 13:46	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 13:46	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		62 - 137		08/09/24 13:46	1
4-Bromofluorobenzene (Surr)	106		56 - 136		08/09/24 13:46	1
Toluene-d8 (Surr)	98		78 - 122		08/09/24 13:46	1
Dibromofluoromethane (Surr)	86		73 - 120		08/09/24 13:46	1

Lab Sample ID: LCS 240-622864/5

Matrix: Water

Analysis Batch: 622864

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	50.0	36.0		ug/L		72	63 - 134	
cis-1,2-Dichloroethene	50.0	42.0		ug/L		84	77 - 123	
Tetrachloroethene	50.0	40.5		ug/L		81	76 - 123	
trans-1,2-Dichloroethene	50.0	39.0		ug/L		78	75 - 124	
Trichloroethene	50.0	41.1		ug/L		82	70 - 122	
Vinyl chloride	50.0	42.3		ug/L		85	60 - 144	

LCS LCS

Surrogate	%Recovery Qu	ualifier	Limits
1,2-Dichloroethane-d4 (Surr)			62 - 137
4-Bromofluorobenzene (Surr)	114		56 - 136
Toluene-d8 (Surr)	103		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

Lab Sample ID: 240-208970-B-3 MS

Matrix: Water

Analysis Batch: 622864

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	34.6		ug/L		69	56 - 135
cis-1,2-Dichloroethene	1.0	U	50.0	42.2		ug/L		84	66 - 128
Tetrachloroethene	1.0	U	50.0	37.4		ug/L		75	62 - 131
trans-1,2-Dichloroethene	1.0	U	50.0	37.1		ug/L		74	56 - 136
Trichloroethene	1.0	U	50.0	39.4		ug/L		79	61 - 124
Vinyl chloride	1.0	U	50.0	43.5		ug/L		87	43 - 157

MS MS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	106		62 - 137
4-Bromofluorobenzene (Surr)	105		56 - 136
Toluene-d8 (Surr)	93		78 - 122

Eurofins Cleveland

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

Job ID: 240-208969-1

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

Lab Sample ID: 240-208970-B-3 MS

Matrix: Water

Analysis Batch: 622864

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

MS MS

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 96 73 - 120

Lab Sample ID: 240-208970-B-3 MSD

Matrix: Water

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analysis Batch: 622864

MSD MSD %Rec RPD Sample Sample Spike Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits RPD Limit 1,1-Dichloroethene 1.0 U 50.0 36.7 ug/L 73 56 - 135 6 26 cis-1,2-Dichloroethene 1.0 U 50.0 43 9 88 66 - 128 ug/L 14 4 Tetrachloroethene 1.0 U 50.0 38.6 ug/L 77 62 - 131 20 15 trans-1,2-Dichloroethene 1.0 U 50.0 38.9 ug/L 78 56 - 136 5 Trichloroethene 1.0 U 50.0 40.8 ug/L 82 61 - 124 3 15 Vinyl chloride 1.0 U 50.0 43.3 ug/L 43 - 157 24

MSD MSD

MR MR

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		62 - 137
4-Bromofluorobenzene (Surr)	109		56 - 136
Toluene-d8 (Surr)	100		78 - 122
Dibromofluoromethane (Surr)	102		73 - 120

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

Lab Sample ID: MB 240-622852/6

Matrix: Water

Analysis Batch: 622852

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 08/09/24 11:04 MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 105 68 - 127 08/09/24 11:04

Lab Sample ID: LCS 240-622852/4

Analysis Batch: 622852

Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 8.38 ug/L 84 75 - 121

LCS LCS

%Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 68 - 127 98

Lab Sample ID: 240-208894-B-3 MS

Matrix: Water

Analysis Batch: 622852

Analysis Batch: 622652										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,4-Dioxane	2.0	U	10.0	8.73		ug/L		87	20 - 180	

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Prep Type: Total/NA

Client Sample ID: Matrix Spike

QC Sample Results

Client: Arcadis U.S., Inc.

Job ID: 240-208969-1

Project/Site: Ford LTP

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

%Recovery Qualifier

109

IVIS	IVIS	
%Recovery	Qualifier	Limits
107		68 - 127
	%Recovery	%Recovery Qualifier 107

Lab Sample	ID: 240-208894-B-	3 MSD
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Matrix: Water

Surrogate

Analysis Batch: 622852

1,2-Dichloroethane-d4 (Surr)

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	2.0	U	10.0	9.09		ug/L		91	20 - 180	4	20
	MSD	MSD									

Limits

68 - 127

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Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

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QC Association Summary

Client: Arcadis U.S., Inc.

Project/Site: Ford LTP

Job ID: 240-208969-1

GC/MS VOA

Analysis Batch: 622852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
240-208969-2	MW-83_073124	Total/NA	Water	8260D SIM	
240-208969-3	MW-83S_073124	Total/NA	Water	8260D SIM	
MB 240-622852/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-622852/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-208894-B-3 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-208894-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 622864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208969-1	TRIP BLANK_97	Total/NA	Water	8260D	
240-208969-2	MW-83_073124	Total/NA	Water	8260D	
240-208969-3	MW-83S_073124	Total/NA	Water	8260D	
MB 240-622864/11	Method Blank	Total/NA	Water	8260D	
LCS 240-622864/5	Lab Control Sample	Total/NA	Water	8260D	
240-208970-B-3 MS	Matrix Spike	Total/NA	Water	8260D	
240-208970-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

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Lab Chronicle

Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-208969-1 Date Collected: 07/31/24 00:00

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed 8260D EET CLE 08/09/24 15:24 Total/NA Analysis 622864 TJL2

Client Sample ID: MW-83_073124 Lab Sample ID: 240-208969-2

Date Collected: 07/31/24 12:55 **Matrix: Water**

Date Received: 08/07/24 08:00

Date Received: 08/07/24 08:00

Batch Batch Dilution Batch Prepared Prep Type Method Run Factor Number Analyst or Analyzed Туре Lab Total/NA 8260D 622864 TJL2 EET CLE 08/09/24 19:22 Analysis Total/NA Analysis 8260D SIM 622852 MS **EET CLE** 08/09/24 16:33 1

Client Sample ID: MW-83S_073124 Lab Sample ID: 240-208969-3

Date Collected: 07/31/24 13:40 **Matrix: Water**

Date Received: 08/07/24 08:00

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** or Analyzed Lab 08/09/24 19:42 Total/NA 8260D TJL2 Analysis 622864 EET CLE 8260D SIM 08/09/24 16:56 Total/NA Analysis 622852 MS EET CLE 1

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: 240-208969-1

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date				
California	State	2927	02-28-25				
Georgia	State	4062	02-27-25				
Illinois	NELAP	200004	08-31-25				
lowa	State	421					
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	02-28-25				
Pennsylvania	NELAP	68-00340	08-31-25				
Texas	NELAP	T104704517-22-19	08-31-24				
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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MICHIGAN 190

Chain of Custody Record

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mpany Name: Arcadis	Client Project Manager: Kris Hinskey Sit			ite C	te Contact: Christina Weaver Lab Contact: Mi					Contact: Mike DelMonico				0	TestAmerica La	boratories, I							
dress: 28550 Cabot Drive, Suite 500														ede nu.									
	Telephone: 248-994-2240			clept	elephone: 2 48- 994-2240					Telep	hone:	330-4	97-939	96									
/State/Zip: Novi, MI, 48377	Email: kristoffer.hinskey@arcadis.com			Ai	nalysis Turnaround Time								A	naly	es		1 of 1 For lab use only	COCs					
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VOA Sample Preservation - Date/Time VOAs Frozen
Time preserved. Preservative(s) added/Lot number(s):
Some firther preserved in the laboratory
20. SAMPLE PRESERVATION
Sample(s) were received with bubble >6 mm in diameter (Notify PM)
Sample(s) were received in a broken container
19. SAMPLE CONDITION Sample(s) were received after the recommended holding time had expired
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES
Concerning
Contacted PM Date by via Verbal Voice Mail Other
Was a LL Hg or Me Hg trip blank present?
Were air bubbles > 6 mm in any VOA vials? Larger than this Was a VOA trin blank present in the cooler(s)? Trin Blank Lot #
13 Were all preserved sample(s) at the correct pH upon receipt? 14. Were VOAs on the COC? YES NO (NA) pH Strip Loff HC4424/1 YES NO
If yes, Questions 13-17 have been checked at the originating laboratory
Are these work share samples and all listed on the COC?
10 Were correct bottle(s) used for the test(s) indicated? 11 Sufficient quantity received to perform indicated analyses? Yes No
For each sample, does the COC specify preservatives (KN), # of containers (KN), a
learly identified on the COC?
Did custody papers accompany the sample(s)? Were the custody papers relinquished & signed in the appropriate place? Yes
Yes (A)
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? -Were tamper/custody seals intact and incompromised? -Were tamper/custody seals intact and incompromised?
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WI-NC-099 Cooler Receips Form Page 2 - Multiple Coolers

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8/14/2024

Login#.

Login Container Summary Report

240-208969

MW-83S 073124 240-208969-F-3 Voa Vial 40ml - Hydrochloric Acid	MW-83S_073124 240-208969-E-3 Voa Vial 40ml - Hydrochloric Acid	MW-83S_073124 240-208969-D-3 Voa Vial 40ml - Hydrochloric Acıd	MW-83S_073124 240-208969-C-3 Voa Vial 40ml - Hydrochloric Acid	MW-83S_073124 240-208969-B-3 Voa Vial 40ml - Hydrochloric Acid	MW-83S_073124 240-208969-A-3 Voa Vial 40ml - Hydrochloric Acid	MW-83_073124 240-208969-F-2 Voa Vial 40ml - Hydrochloric Acid	MW-83_073124 240-208969-E-2 Voa Vial 40ml - Hydrochloric Acid	MW-83_073124 240-208969-D-2 Voa Vial 40ml - Hydrochloric Acid	MW-83_073124 240-208969-C-2 Voa Vial 40ml - Hydrochloric Acid	MW-83_073124 240-208969-B-2 Voa Vial 40ml - Hydrochloric Acıd	MW-83_073124 240-208969-A-2 Voa Vial 40ml - Hydrochloric Acid	TRIP BLANK_97 240-208969-A-1 Voa Vial 40ml - Hydrochloric Acid	Client Sample ID Lab ID Container Type pH Temp Added	Temperature readings
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DATA VERIFICATION REPORT



August 23, 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: 208969-1 Sample date: 2024-07-31

Report received by CADENA: 2024-08-23

Initial Data Verification completed by CADENA: 2024-08-23

Number of Samples:3 Sample Matrices:Water Test Categories:GCMS VOC

Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

There were no significant QC anomalies or exceptions to report.

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

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

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

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Valid Qualifiers

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

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 208969-1

	Sample Name:			TRIP BLANK_97						MW-839			
	Lab Sample ID:	2402089	9691			240208	9692			240208	9693		
	Sample Date:			7/31/2024			24			7/31/20	24		
			Report		Valid		Report		Valid		Report		Valid
Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC													
OSW-8260D													
1,1-Dichloroethene	75-35-4	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	
Tetrachloroethene	127-18-4	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	
Trichloroethene	79-01-6	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	
OSW-8260DSIM													
1,4-Dioxane	123-91-1					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 # 240-208969-1

CADENA Verification Report: 2024-08-23

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 55512R Review Level: Tier III Project: 30206169.0401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-208969-1 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	Parant Sample	Analysis		
Sample ID	Lab ID	IVIALITA	Collection Date	Parent Sample	VOC	VOC SIM	
TRIP BLANK_97	240-208969-1	Water	07/31/2024		X		
MW-83_073124	240-208969-2	Water	07/31/2024		Х	X	
MW-83S_073124	240-208969-3	Water	07/31/2024		Х	X	

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	orted		mance otable	Not
	No	Yes	No	Yes	Required
Sample receipt condition		Х		Х	
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		X		Х	
7. Laboratory sample received date		Х		Х	
8. Sample preservation verification (as applicable)		Х		Х	
Sample preparation/extraction/analysis dates		Х		Х	
10. Fully executed Chain-of-Custody (COC) form		Х		Х	
Narrative summary of Quality Assurance or sample problems provided		Х		Х	
12. Data Package Completeness and Compliance		Х		Х	

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8260D and 8260D SIM. Data were reviewed in accordance with USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005, November 2020 (with reference to the historical USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999), as appropriate.

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

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

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

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

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

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

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

All samples were analyzed within the specified holding time criteria.

2. Mass Spectrometer Tuning

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

System performance and column resolution were acceptable.

3. Calibration

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

3.1 Initial Calibration

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

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

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

3.2 Continuing Calibration

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

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

4. Internal Standard Performance

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

All internal standard responses were within control limits.

5. Field Duplicate Analysis

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

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

6. Compound Identification

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

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		rmance ptable	Not Required
	No	Yes	No	Yes	Required
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)				
Tier II Validation					
Holding times/Preservation		Х		Х	
Tier III Validation					
System performance and column resolution		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		Х	
E. Reporting limits adjusted to reflect sample dilutions		Х		Х	

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Bindu Sree M B

SIGNATURE: BAShims

DATE: September 05, 2024

PEER REVIEW: Andrew Korycinski

DATE: September 7, 2024

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS



Chain of Custody Record



TestAmerica Laboratory location: Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763 Client Contact Regulatory program: C DW □ NPDES ☐ RCRA Other Company Name: Arcadis TestAmerica Laboratories, Inc. Client Project Manager: Kris Hinskey Lab Contact: Mike DelMonico COC No: Site Contact: Christina Weaver 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 1 of 1 Analysis Turnaround Time Analyses Email: kristoffer.hinskey@arcadis.com For lab use only Phone: 248-994-2240 AT if different from below Walk-in client Sampler Name: Project Name: Ford LTP 3 weeks Lottie Jay ₹ 2 weeks Lab sampling Project Number: 30206169.0401.03 1 week .4-Dioxane 8260D SIM 2 days ☐ 1 day PO # US3410018772 Shipping/Tracking No: Job/SDG No. /inyl Chloride Matrix Sample Specific Notes / H2S04 HN03 Special Instructions: Sample Date Sample Time Sample Identification TRIP BLANK_ 97 Х G 1 Trip Blank 3 VOAs for 8260D 6 7/31/24 MW-83-073124 1255 3 VOAs for 8260D SIM 6 MW-835-073124 1340 NG 240-208969 Chain of Custody Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Non-Hazard lammable - Jnknown Disposal By Lab Special Instructions/QC Requirements & Comments: Stark ROW Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728 Level IV Reporting requested. Relinquished by 811/24 1650 ARCADIS NOVI COLD STORAGE ARCADIS Relinquished by ARCADIS NOVI Relinguished by ARCADIS

Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_97

Lab Sample ID: 240-208969-1 Date Collected: 07/31/24 00:00 **Matrix: Water**

Date Received: 08/07/24 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			08/09/24 15:24	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 15:24	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 15:24	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 15:24	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 15:24	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 15:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		62 - 137			_		08/09/24 15:24	1
4-Bromofluorobenzene (Surr)	104		56 ₋ 136					08/09/24 15:24	1
Toluene-d8 (Surr)	102		78 - 122					08/09/24 15:24	1
Dibromofluoromethane (Surr)	93		73 - 120					08/09/24 15:24	1

Client Sample ID: MW-83_073124 Lab Sample ID: 240-208969-2

Date Collected: 07/31/24 12:55

Date Received: 08/07/24 08:00

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			08/09/24 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		68 - 127			_		08/09/24 16:33	1

Method: SW846 8260D - Volati	Method: SW846 8260D - Volatile Organic Compounds by GC/MS								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/09/24 19:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 19:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 19:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		08/09/24 19:22	1
4-Bromofluorobenzene (Surr)	96		56 - 136		08/09/24 19:22	1
Toluene-d8 (Surr)	96		78 - 122		08/09/24 19:22	1
Dibromofluoromethane (Surr)	87		73 - 120		08/09/24 19:22	1

Client Sample ID: MW-83S_073124 Lab Sample ID: 240-208969-3

Date Collected: 07/31/24 13:40 Date Received: 08/07/24 08:00

Method: SW846 8260D SIM - Volat	ile 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			08/09/24 16:56	1
Surrogate	%Recovery	Qualifier	Limits			_	Prepared	Analyzed	Dil Fac
1 2-Dichloroethane-d4 (Surr)	107		68 127					08/09/24 16:56	1

Matrix: Water

Matrix: Water

Client: Arcadis U.S., Inc. Job ID: 240-208969-1

Project/Site: Ford LTP

Client Sample ID: MW-83S_073124

Lab Sample ID: 240-208969-3 Date Collected: 07/31/24 13:40 **Matrix: Water**

Date Received: 08/07/24 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			08/09/24 19:42	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/09/24 19:42	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/09/24 19:42	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/09/24 19:42	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/09/24 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		62 - 137			_		08/09/24 19:42	1
4-Bromofluorobenzene (Surr)	110		56 ₋ 136					08/09/24 19:42	1
Toluene-d8 (Surr)	108		78 - 122					08/09/24 19:42	1
Dibromofluoromethane (Surr)	99		73 - 120					08/09/24 19:42	1