ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Megan Meckley Arcadis US Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377 Generated 8/25/2025 8:26:34 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-231204-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203



Eurofins Cleveland

Job Notes

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Authorization

Generated 8/25/2025 8:26:34 AM

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

Laboratory Job ID: 240-231204-1

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Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

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Qualifiers

GC/MS VOA

Qualifier Description

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U Indicates the analyte was analyzed for but not detected.

Glossary

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 Quantitatio

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

Case Narrative

Client: Arcadis US Inc. Project: Ford LTP

Job ID: 240-231204-1 Eurofins Cleveland

Job Narrative 240-231204-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 8/20/2025 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 2 coolers at receipt time were 0.7°C and 1.6°C.

GC/MS VOA

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

Job ID: 240-231204-1

Method Summary

Client: Arcadis US Inc.

Project/Site: Ford LTP

Job ID: 240-231204-1

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: 240-231204-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-231204-1	TRIP BLANK_203	Water	08/15/25 00:00	08/20/25 08:00	Michigan
240-231204-2	MW-146S 081525	Water	08/15/25 12:35	08/20/25 08:00	Michigan

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13

Detection Summary

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_203 Lab Sample ID: 240-231204-1

No Detections.

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
1,4-Dioxane	0.95 J	2.0	0.86 ug/L	1	8260D SIM	Total/NA

1

4

5

7

8

10

13

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

Date Received: 08/20/25 08:00

Client Sample ID: TRIP BLANK_203

Lab Sample ID: 240-231204-1 Date Collected: 08/15/25 00:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/21/25 18:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/21/25 18:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 18:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/21/25 18:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 18:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/21/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			-		08/21/25 18:20	1
4-Bromofluorobenzene (Surr)	101		56 ₋ 136					08/21/25 18:20	1
Toluene-d8 (Surr)	102		78 - 122					08/21/25 18:20	1
Dibromofluoromethane (Surr)	98		73 - 120					08/21/25 18:20	

Client Sample Results

Client: Arcadis US Inc.

Job ID: 240-231204-1

Project/Site: Ford LTP

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-146S_081525

Date Collected: 08/15/25 12:35
Date Received: 08/20/25 08:00

112

103

108

105

Matrix: Water

Lab Sample ID: 240-231204-2

08/22/25 08:05

08/22/25 08:05

08/22/25 08:05

08/22/25 08:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.95	J	2.0	0.86	ug/L			08/21/25 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 127			-		08/21/25 15:19	1
- Method: SW846 8260D - Volat	ile Organic Comp	ounds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/25 08:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/25 08:05	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 08:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/25 08:05	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 08:05	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/25 08:05	1

62 - 137

56 - 136

78 - 122

73 - 120

Surrogate Summary

Client: Arcadis US Inc. Job ID: 240-231204-1 Project/Site: Ford LTP

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

Matrix: Water Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits						
		DCA	BFB	TOL	DBFM				
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)				
240-231026-C-34 MS	Matrix Spike	105	108	105	100				
240-231026-C-34 MSD	Matrix Spike Duplicate	99	100	101	96				
240-231032-A-2 MS	Matrix Spike	98	98	98	94				
240-231032-A-2 MSD	Matrix Spike Duplicate	97	99	97	95				
240-231204-1	TRIP BLANK_203	104	101	102	98				
240-231204-2	MW-146S_081525	112	103	108	105				
LCS 240-668757/5	Lab Control Sample	94	98	98	92				
LCS 240-668804/2	Lab Control Sample	105	109	107	100				
MB 240-668757/10	Method Blank	101	97	101	92				
MB 240-668804/5	Method Blank	105	96	100	97				

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)	
240-231191-E-2 MS	Matrix Spike	104	
240-231191-E-2 MSD	Matrix Spike Duplicate	106	
240-231204-2	MW-146S_081525	109	
LCS 240-668645/5	Lab Control Sample	107	
MB 240-668645/7	Method Blank	99	
Surrogate Legend			

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Client: Arcadis US Inc. Job ID: 240-231204-1

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

Lab Sample ID: MB 240-668757/10

Matrix: Water

Project/Site: Ford LTP

Analysis Batch: 668757

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			08/21/25 16:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/21/25 16:47	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 16:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/21/25 16:47	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 16:47	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/21/25 16:47	1

MB MB %Recovery Qualifier Dil Fac Surrogate Limits Prepared Analyzed 1,2-Dichloroethane-d4 (Surr) 62 - 137 08/21/25 16:47 101 4-Bromofluorobenzene (Surr) 97 56 - 136 08/21/25 16:47 08/21/25 16:47 Toluene-d8 (Surr) 101 78 - 122 Dibromofluoromethane (Surr) 92 73 - 120 08/21/25 16:47

Lab Sample ID: LCS 240-668757/5

Matrix: Water

Analysis Batch: 668757

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	19.2		ug/L		96	63 - 134	
cis-1,2-Dichloroethene	20.0	18.5		ug/L		92	77 - 123	
Tetrachloroethene	20.0	18.6		ug/L		93	76 - 123	
trans-1,2-Dichloroethene	20.0	18.5		ug/L		92	75 - 124	
Trichloroethene	20.0	18.0		ug/L		90	70 - 122	
Vinyl chloride	20.0	15.0		ug/L		75	60 - 144	

LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 94 62 - 137 4-Bromofluorobenzene (Surr) 98 56 - 136 Toluene-d8 (Surr) 98 78 - 122 73 - 120 Dibromofluoromethane (Surr) 92

Analysis Batch: 668757

Lab Sample ID: 240-231032-A-2 MS Client Sample ID: Matrix Spike **Matrix: Water** 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	20.0	17.8		ug/L		89	56 - 135	
cis-1,2-Dichloroethene	1.0	U	20.0	18.2		ug/L		91	66 - 128	
Tetrachloroethene	1.0	U	20.0	15.9		ug/L		79	62 - 131	
trans-1,2-Dichloroethene	1.0	U	20.0	17.4		ug/L		87	56 - 136	
Trichloroethene	1.0	U	20.0	16.3		ug/L		81	61 - 124	
Vinyl chloride	1.0	U	20.0	14.1		ug/L		71	43 - 157	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	98		56 - 136
Toluene-d8 (Surr)	98		78 - 122

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Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

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

Lab Sample ID: 240-231032-A-2 MS

Matrix: Water

Analysis Batch: 668757

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

MS MS

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 94 73 - 120

Lab Sample ID: 240-231032-A-2 MSD

Matrix: Water

Analysis Batch: 668757

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

Sample Sample MSD MSD %Rec RPD Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 1,1-Dichloroethene 1.0 U 20.0 18.6 ug/L 93 56 - 135 26 cis-1,2-Dichloroethene 1.0 U 20.0 18.7 94 66 - 128 ug/L 3 14 Tetrachloroethene 1.0 U 20.0 16.9 ug/L 85 62 - 131 20 trans-1,2-Dichloroethene 1.0 U 20.0 18.1 ug/L 91 56 - 136 15 Trichloroethene 1.0 U 20.0 17.0 ug/L 85 61 - 124 15 Vinyl chloride 1.0 U 20.0 13.9 ug/L 43 - 157 2 24

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	99		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	95		73 - 120

Lab Sample ID: MB 240-668804/5

Matrix: Water

Analysis Batch: 668804

Client Sample ID: Method Blank

Prep Type: Total/NA

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/25 04:03	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/25 04:03	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 04:03	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/25 04:03	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 04:03	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/25 04:03	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Pre	pared Ar	nalyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	62 - 137		08/22	2/25 04:03	1
4-Bromofluorobenzene (Surr)	96	56 ₋ 136		08/22	2/25 04:03	1
Toluene-d8 (Surr)	100	78 - 122		08/22	2/25 04:03	1
Dibromofluoromethane (Surr)	97	73 - 120		08/22	2/25 04:03	1

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ab Sample ID: LCS 240-668804/2	Client Sample ID: Lab Control Sample
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 668804	

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	18.6		ug/L		93	63 - 134	
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	77 - 123	
Tetrachloroethene	20.0	16.2		ug/L		81	76 - 123	
trans-1,2-Dichloroethene	20.0	17.7		ug/L		88	75 - 124	
Trichloroethene	20.0	17.3		ug/L		86	70 - 122	

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8/25/2025

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

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

Lab Sample ID: LCS 240-668804/2 **Matrix: Water**

Analysis Batch: 668804

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Vinyl chloride 20.0 15.4 60 - 144 ug/L

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		62 - 137
4-Bromofluorobenzene (Surr)	109		56 - 136
Toluene-d8 (Surr)	107		78 - 122
Dibromofluoromethane (Surr)	100		73 - 120

Lab Sample ID: 240-231026-C-34 MS

Matrix: Water

Prep Type: Total/NA Analysis Batch: 668804 Sample Sample Spike MS MS %Rec

Result Qualifier Result Qualifier Added %Rec Limits Analyte Unit 1,1-Dichloroethene 1.0 U 20.0 17.8 ug/L 89 56 - 135 1.0 U 20.0 17.9 cis-1,2-Dichloroethene ug/L 90 66 - 128 Tetrachloroethene 1.0 U 20.0 15.0 75 62 - 131 ug/L trans-1,2-Dichloroethene 20.0 56 - 136 1.0 U 17.2 ug/L 86 Trichloroethene 20.0 79 1.0 U 15.8 ug/L 61 - 124 Vinyl chloride 1.0 U 20.0 13.0 ug/L 43 - 157

MS MS Qualifier Limits Surrogate %Recovery 62 - 137 1,2-Dichloroethane-d4 (Surr) 105 108 56 - 136 4-Bromofluorobenzene (Surr) 78 - 122 Toluene-d8 (Surr) 105 Dibromofluoromethane (Surr) 100 73 - 120

Matrix: Water

Analysis Batch: 668804

Client Sample ID: Matrix Spike Duplicate Lab Sample ID: 240-231026-C-34 MSD Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	1.0	U	20.0	19.1		ug/L		96	56 - 135	7	26
cis-1,2-Dichloroethene	1.0	U	20.0	19.0		ug/L		95	66 - 128	6	14
Tetrachloroethene	1.0	U	20.0	16.1		ug/L		80	62 - 131	7	20
trans-1,2-Dichloroethene	1.0	U	20.0	17.8		ug/L		89	56 - 136	4	15
Trichloroethene	1.0	U	20.0	16.5		ug/L		82	61 - 124	4	15
Vinyl chloride	1.0	U	20.0	13.3		ug/L		66	43 - 157	2	24

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		62 - 137
4-Bromofluorobenzene (Surr)	100		56 - 136
Toluene-d8 (Surr)	101		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

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Client Sample ID: Lab Control Sample

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

Job ID: 240-231204-1

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

Lab Sample ID: MB 240-668645/7 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 668645

MB MB Result Qualifier MDL Unit Analyte RL D Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 08/21/25 09:50

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 99 68 - 127 08/21/25 09:50

Lab Sample ID: LCS 240-668645/5 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 668645

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 8.81 ug/L 88 75 - 121

LCS LCS

Surrogate %Recovery Qualifier Limits 68 - 127 1,2-Dichloroethane-d4 (Surr) 107

Client Sample ID: Matrix Spike Lab Sample ID: 240-231191-E-2 MS Prep Type: Total/NA

Matrix: Water

Analysis Batch: 668645 Sample Sample Spike MS MS %Rec

Qualifier Added Qualifier Analyte Result Result Unit %Rec Limits 1,4-Dioxane 2.0 U 10.0 8.66 87 20 - 180 ug/L

MS MS

Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 104 68 - 127

Lab Sample ID: 240-231191-E-2 MSD Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Analysis Batch: 668645

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits **RPD** Limit 1,4-Dioxane 2.0 U 10.0 9.17 92 20 - 180 ug/L

MSD MSD

%Recovery Qualifier Surrogate Limits 1,2-Dichloroethane-d4 (Surr) 106 68 - 127

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Prep Type: Total/NA

QC Association Summary

Client: Arcadis US Inc. Job ID: 240-231204-1 Project/Site: Ford LTP

GC/MS VOA

Analysis Batch: 668645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231204-2	MW-146S_081525	Total/NA	Water	8260D SIM	
MB 240-668645/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-668645/5	Lab Control Sample	Total/NA	Water	8260D SIM	
240-231191-E-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-231191-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 668757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231204-1	TRIP BLANK_203	Total/NA	Water	8260D	
MB 240-668757/10	Method Blank	Total/NA	Water	8260D	
LCS 240-668757/5	Lab Control Sample	Total/NA	Water	8260D	
240-231032-A-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-231032-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 668804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-231204-2	MW-146S_081525	Total/NA	Water	8260D	
MB 240-668804/5	Method Blank	Total/NA	Water	8260D	
LCS 240-668804/2	Lab Control Sample	Total/NA	Water	8260D	
240-231026-C-34 MS	Matrix Spike	Total/NA	Water	8260D	
240-231026-C-34 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

Client Sample ID: TRIP BLANK_203

Lab Sample ID: 240-231204-1 Date Collected: 08/15/25 00:00

Matrix: Water

Date Received: 08/20/25 08:00 Batch

Dilution Batch Batch Prepared Method Prep Type Туре Run Factor **Number Analyst** Lab or Analyzed Total/NA 8260D 668757 AJS EET CLE 08/21/25 18:20 Analysis

Client Sample ID: MW-146S_081525 Lab Sample ID: 240-231204-2

Date Collected: 08/15/25 12:35 **Matrix: Water**

Date Received: 08/20/25 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	668804	AJS	EET CLE	08/22/25 08:05
Total/NA	Analysis	8260D SIM		1	668645	R5XG	EET CLE	08/21/25 15:19

Laboratory References:

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

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Eurofins Cleveland

Accreditation/Certification Summary

Client: Arcadis US Inc. Job ID: 240-231204-1 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	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
lowa	State	421	06-01-27
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	06-30-26
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	08-31-26
Texas	NELAP	T104704517	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	09-15-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-26

Chain of Custody Record

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Tes	tAmerica Labora	tory location:	Farm	ington	Hills -	- 3885	5 Hills	Tect	Drive	e, Su	ite 60	0, Farr	ningto	n Hill	s 483	31									TH	IE LEADER IN ENVINONMENTAL TESTIN
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Company Name: Arcadis	Client Project	Manager: Meg	an Med	ckley			Site C	Сопта	ct: Sa	man	tha Sz	paichle	er		Ė	Lab C	ontac	t: Mik	e Del	Monic	D		TestAmerica Laborator			TestAmerica Laboratories, In COC No:
Address: 28550 Cabot Drive, Suite 500	Telephone: 248													_	_	Taleni	hone:	330-49	7_93	K	_			_	- 1	
City/State/Zip: Novi, MI, 48377							Telephone: 248-994-2240 Telephone: 248-994-2240 Telephone: Analysis Turnaround Time				Total	uoac.				00		Ш			1 of 1 COCs For lab use only					
Phone: 248-994-2240	Email: megan.	meckley@arca	dis.con	1			TAT if different from below					Analyses														
Project Name: Ford LTP	Sampler Name	Jenum .	N	We	13			fdiffer	E	3 v	w weeks weeks															Walk-in client Lab sampling
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PO # US3460025888	Shipping/Track	ing No:							ř	1 d	lay		ple (Y /	C/Grab	9	8260D	CE 826(e 82601	8260D					Job/SDG No:
Sample Identification	Sample Date	Sample Tîme	Air	Aqueous Sediment	Solid	Oiher:		2	HC:	T	Unpres		Filtered Sample (Y / N)	Composite-C/Grab-	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM					Sample Specific Notes / Special Instructions:
TRIP BLANK_ 147 81075 203				1					1				N	G	Х	Х	X	Х	Х	Х						1 Trip Blank
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Login Container Summary Report

240-231204

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Page 1 of 1

DATA VERIFICATION REPORT



August 25, 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 LTP

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

Laboratory submittal: 231204-1 Sample date: 2025-08-15

Report received by CADENA: 2025-08-25

Initial Data Verification completed by CADENA: 2025-08-25

Number of Samples:2 Sample Matrices:Water Test Categories:GCMS VOC

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

There were no significant QC anomalies or exceptions to report.

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

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

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

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

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

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

Analytical Results Summary

CADENA Project ID: E203728

Laboratory: Eurofins Environment Testing LLC - Cleveland

Laboratory Submittal: 231204-1

		Sample Name: Lab Sample ID: Sample Date:	TRIP BL/ 240231 8/15/20	2041 25			MW-146 240231 8/15/20	2042 25	25	
	Analyte	Cas No.	Result	Report Limit		Valid Qualifier	Docult	Report	Unite	Valid
	Allatyte	Cas No.	nesuli	Lilling	UIIIIS	Qualifier	nesuli	Lilling	UIIIIS	Qualifier
GC/MS VOC										
OSW-826	<u>0D</u>									
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l		ND	1.0	ug/l	
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l		ND	1.0	ug/l	
	Tetrachloroethene	127-18-4	ND	1.0	ug/l		ND	1.0	ug/l	
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l		ND	1.0	ug/l	
	Trichloroethene	79-01-6	ND	1.0	ug/l		ND	1.0	ug/l	
	Vinyl chloride	75-01-4	ND	1.0	ug/l		ND	1.0	ug/l	
OSW-8260	<u>ODSIM</u>									
	1,4-Dioxane	123-91-1					0.95	2.0	ug/l	J



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-231204-1

CADENA Verification Report: 2025-08-25

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 60777R Review Level: Tier III Project: 30251157.401.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-231204-1 for samples collected in association with the Ford – Livonia, Michigan site. The review was conducted as a Tier III validation in addition to a verification/Tier II validation review performed by CADENA Inc. and included review of level IV laboratory data package completeness. Only elements of a Tier III validation effort (Tier III) include a detailed review of laboratory raw data to check for errors in calculation, calibration review, internal standard review and compound identification) and omitted deviations from the CADENA verification/Tier II report are documented in this report. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets, and chain of custody. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample	Parent Sample	Ana	lysis	
Sample ID	Labib	Wallix	Collection Date	raieiii Saiiipie	voc	VOC SIM	
TRIP BLANK_203	240-231204-1	Water	08/15/2025		Х		
MW-146S_081525	240-231204-2	Water	08/15/2025		Х	X	

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	orted	Perfori Accep		Not Required
	No	Yes	No	Yes	Required
Sample receipt condition		Х		X	
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.

All identified compounds met the specified criteria.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

Rep	orted			Not Required
No	Yes	No	Yes	Required
C/MS)				
	Х		Х	
	Х		Х	
	Х		Х	
	Х		Х	
	Х		Х	
	Х		Х	
	Х		Х	
X				Х
	Х		Х	
	Х		Х	
	Х		Х	
	Х		Х	
	X		Х	
	Х		Х	
	No C/MS)	X X X X X X X X X X X X X X X X X X X	Reported Acce No Yes No C/MS) X X X X X X X X X X X X X	No Yes No Yes

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Febin J S

SIGNATURE:

DATE: August 29, 2025

PEER REVIEW: Andrew Korycinski

DATE: September 9, 2025

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

Chain of Custody Record

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Client Contact	Regulat	ory program:		(DW			NPDE	ES	ı	RC	RA	<u></u>	Oth	er		Ti.					П				
Company Name: Arcadis	Client Project	Manager: Meg	an Med	ckley			Site Contact: Samantha Szpaichler Lab Contact: Mike DelMonico												TestAmerica Laboratories,							
Address: 28550 Cabot Drive, Suite 500	Telephone: 248-994-2240						: 248-					_		Telephone: 330-497-9396							14					
City/State/Zip: Novi, MI, 48377								us Tu			-	_	_	_	Total	douc.	330-			0.0					1 of 1 COCs	
Phone: 248-994-2240	Email: megan.	meckley@arca	dis.con	D.								,,,,,,	_			Analyses						П		For lab use only		
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Project Number: 30251157.401.04	Method of Ship	ment/Carrier:		V			1	,		1 1	week days		2	Ÿ			2			_	SIM					
PO # US3460025888	Shipping/Track	ing No:							ř	1 6	day		ple (Y /	C/ Grab	<u></u>	8260D	CE 826(e 82601	8260D					Job/SDG No:
Sample Identification	Sample Date	Sample Tîme	Air	Aqueous Sediment	Solid	Oiher:		2	HC:	T	Vapres		Filtered Sample (Y / N)	Composite-C/ Grab	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM					Sample Specific Notes / Special Instructions:
TRIP BLANK_ 147 81075 203		m- m-	П	1				,	1				N	G	Х	х	X	X	Х	X						1 Trip Blank
MW-1465_0815 25	6815125	12:35		6					G				N	b	У	8	×	×	X	X	7					3 VOAs for 8260D 3 VOAs for 8260D SIM
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										+	+		1										П	Ш		
Possible Hazard Identification							Se	mole	Disno	sal (A fee	may be	25505	sed if	samo	les are	retai	ned lo	wer t	han 1	nonth		Ц	Ц	Ц	
► Non-Hazard `lammable sin Irrita		on B	Jnkn	own					cturn				Dispo					rchive				onths	Ш			
Special Instructions/QC Requirements & Comments: 3 M Submit all results through Cadena at jtomalia@cadenace Level IV Reporting requested.	com. Cadena #E	Afital 203728																					-			
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Definitions/Glossary

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

4

Qualifiers

GC/MS VOA

Qualifier Description

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U Indicates the analyte was analyzed for but not detected.

Glossary

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 Quantitatio

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

Client Sample Results

Client: Arcadis US Inc. Job ID: 240-231204-1

Project/Site: Ford LTP

Date Received: 08/20/25 08:00

Client Sample ID: TRIP BLANK_203

Lab Sample ID: 240-231204-1 Date Collected: 08/15/25 00:00

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/21/25 18:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/21/25 18:20	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 18:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/21/25 18:20	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/21/25 18:20	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/21/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			-		08/21/25 18:20	1
4-Bromofluorobenzene (Surr)	101		56 ₋ 136					08/21/25 18:20	1
Toluene-d8 (Surr)	102		78 - 122					08/21/25 18:20	1
Dibromofluoromethane (Surr)	98		73 - 120					08/21/25 18:20	1

Client Sample Results

Client: Arcadis US Inc.

Job ID: 240-231204-1

Project/Site: Ford LTP

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Toluene-d8 (Surr)

Client Sample ID: MW-146S_081525

Date Collected: 08/15/25 12:35
Date Received: 08/20/25 08:00

112

103

108

105

Matrix: Water

Lab Sample ID: 240-231204-2

08/22/25 08:05

08/22/25 08:05

08/22/25 08:05

08/22/25 08:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
,4-Dioxane 0.95 J		2.0	0.86	ug/L			08/21/25 15:19	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 127			-		08/21/25 15:19	1
- Method: SW846 8260D - Volat	ile Organic Comp	ounds by G	C/MS						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			08/22/25 08:05	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			08/22/25 08:05	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 08:05	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			08/22/25 08:05	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			08/22/25 08:05	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			08/22/25 08:05	1

62 - 137

56 - 136

78 - 122

73 - 120