

ANALYTICAL REPORT

PREPARED FOR

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Generated 6/20/2024 7:28:15 AM

JOB DESCRIPTION

Ford LTP

JOB NUMBER

240-205959-1

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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Definitions/Glossary

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

Job ID: 240-205959-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.
α	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

Case Narrative

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

Job ID: 240-205959-1

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Job Narrative 240-205959-1

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 are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample 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 6/11/2024 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-616709 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-616927 was outside the method criteria for the following analyte(s): 1,1-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D_SIM: The MS/MSD for batch 616884 was not reported because the parent sample needed reanalysis.
MW-24_061024 (240-205959-3)

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

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Method Summary

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

Job ID: 240-205959-1

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



Sample Summary

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

Job ID: 240-205959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-205959-1	TRIP BLANK_95	Water	06/10/24 00:00	06/11/24 09:30
240-205959-2	MW-222S_061024	Water	06/10/24 11:40	06/11/24 09:30
240-205959-3	MW-24_061024	Water	06/10/24 13:45	06/11/24 09:30

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

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

Job ID: 240-205959-1

Client Sample ID: TRIP BLANK_95

Lab Sample ID: 240-205959-1

No Detections.

Client Sample ID: MW-222S_061024

Lab Sample ID: 240-205959-2

No Detections.

Client Sample ID: MW-24_061024

Lab Sample ID: 240-205959-3

No Detections.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 240-205959-1

Client Sample ID: TRIP BLANK_95

Lab Sample ID: 240-205959-1

Date Collected: 06/10/24 00:00

Matrix: Water

Date Received: 06/11/24 09:30

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			06/18/24 21:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/18/24 21:32	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 21:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/18/24 21:32	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 21:32	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/18/24 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		06/18/24 21:32	1
4-Bromofluorobenzene (Surr)	88		56 - 136		06/18/24 21:32	1
Toluene-d8 (Surr)	104		78 - 122		06/18/24 21:32	1
Dibromofluoromethane (Surr)	107		73 - 120		06/18/24 21:32	1

Client Sample Results

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

Job ID: 240-205959-1

Client Sample ID: MW-222S_061024

Lab Sample ID: 240-205959-2

Date Collected: 06/10/24 11:40

Matrix: Water

Date Received: 06/11/24 09:30

Method: SW846 8260D SIM - Volatile Organic Compounds (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			06/13/24 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		68 - 127					06/13/24 23:26	1

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			06/17/24 21:43	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/17/24 21:43	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/17/24 21:43	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/17/24 21:43	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/17/24 21:43	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/17/24 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137					06/17/24 21:43	1
4-Bromofluorobenzene (Surr)	80		56 - 136					06/17/24 21:43	1
Toluene-d8 (Surr)	94		78 - 122					06/17/24 21:43	1
Dibromofluoromethane (Surr)	97		73 - 120					06/17/24 21:43	1

Client Sample Results

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

Job ID: 240-205959-1

Client Sample ID: MW-24_061024

Lab Sample ID: 240-205959-3

Date Collected: 06/10/24 13:45

Matrix: Water

Date Received: 06/11/24 09:30

Method: SW846 8260D SIM - Volatile Organic Compounds (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			06/18/24 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		68 - 127					06/18/24 12:22	1

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			06/18/24 23:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/18/24 23:07	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 23:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/18/24 23:07	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 23:07	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/18/24 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		62 - 137					06/18/24 23:07	1
4-Bromofluorobenzene (Surr)	87		56 - 136					06/18/24 23:07	1
Toluene-d8 (Surr)	106		78 - 122					06/18/24 23:07	1
Dibromofluoromethane (Surr)	107		73 - 120					06/18/24 23:07	1

Surrogate Summary

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

Job ID: 240-205959-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-205959-1	TRIP BLANK_95	110	88	104	107
240-205959-2	MW-222S_061024	98	80	94	97
240-205959-2 MS	MW-222S-MS_061024	104	91	102	101
240-205959-2 MSD	MW-222S-MSD_061024	102	92	102	102
240-205959-3	MW-24_061024	109	87	106	107
240-206023-C-3 MS	Matrix Spike	103	91	99	102
240-206023-C-3 MSD	Matrix Spike Duplicate	94	86	97	89
LCS 240-616709/5	Lab Control Sample	93	89	95	90
LCS 240-616927/5	Lab Control Sample	103	98	105	101
MB 240-616709/9	Method Blank	100	80	98	102
MB 240-616927/9	Method Blank	117	87	106	112

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		DCA (68-127)
240-205959-2	MW-222S_061024	112
240-205959-2 MS	MW-222S-MS_061024	113
240-205959-2 MSD	MW-222S-MSD_061024	115
240-205959-3	MW-24_061024	109
LCS 240-616471/4	Lab Control Sample	102
LCS 240-616884/4	Lab Control Sample	105
MB 240-616471/5	Method Blank	96
MB 240-616884/6	Method Blank	102

Surrogate Legend

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

QC Sample Results

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

Job ID: 240-205959-1

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

Lab Sample ID: MB 240-616709/9

Matrix: Water

Analysis Batch: 616709

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/17/24 19:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/17/24 19:29	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/17/24 19:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/17/24 19:29	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/17/24 19:29	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/17/24 19:29	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		06/17/24 19:29	1
4-Bromofluorobenzene (Surr)	80		56 - 136		06/17/24 19:29	1
Toluene-d8 (Surr)	98		78 - 122		06/17/24 19:29	1
Dibromofluoromethane (Surr)	102		73 - 120		06/17/24 19:29	1

Lab Sample ID: LCS 240-616709/5

Matrix: Water

Analysis Batch: 616709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1,1-Dichloroethene	25.0	21.4		ug/L		85	63 - 134
cis-1,2-Dichloroethene	25.0	23.6		ug/L		95	77 - 123
Tetrachloroethene	25.0	24.1		ug/L		96	76 - 123
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	75 - 124
Trichloroethene	25.0	22.4		ug/L		90	70 - 122
Vinyl chloride	25.0	19.1		ug/L		76	60 - 144

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		62 - 137
4-Bromofluorobenzene (Surr)	89		56 - 136
Toluene-d8 (Surr)	95		78 - 122
Dibromofluoromethane (Surr)	90		73 - 120

Lab Sample ID: 240-205959-2 MS

Matrix: Water

Analysis Batch: 616709

Client Sample ID: MW-222S-MS_061024

Prep Type: Total/NA

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
1,1-Dichloroethene	1.0	U	25.0	22.7		ug/L		91	56 - 135
cis-1,2-Dichloroethene	1.0	U	25.0	22.4		ug/L		90	66 - 128
Tetrachloroethene	1.0	U	25.0	23.2		ug/L		93	62 - 131
trans-1,2-Dichloroethene	1.0	U	25.0	24.0		ug/L		96	56 - 136
Trichloroethene	1.0	U	25.0	23.6		ug/L		94	61 - 124
Vinyl chloride	1.0	U	25.0	19.6		ug/L		79	43 - 157

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	104		62 - 137
4-Bromofluorobenzene (Surr)	91		56 - 136
Toluene-d8 (Surr)	102		78 - 122

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QC Sample Results

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

Job ID: 240-205959-1

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

Lab Sample ID: 240-205959-2 MS

Matrix: Water

Analysis Batch: 616709

Client Sample ID: MW-222S-MS_061024

Prep Type: Total/NA

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Dibromofluoromethane (Surr)	101		73 - 120

Lab Sample ID: 240-205959-2 MSD

Matrix: Water

Analysis Batch: 616709

Client Sample ID: MW-222S-MSD_061024

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec		RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits	RPD		
1,1-Dichloroethene	1.0	U	25.0	22.3		ug/L		89	56 - 135	2	26	
cis-1,2-Dichloroethene	1.0	U	25.0	23.1		ug/L		92	66 - 128	3	14	
Tetrachloroethene	1.0	U	25.0	24.6		ug/L		98	62 - 131	6	20	
trans-1,2-Dichloroethene	1.0	U	25.0	23.4		ug/L		94	56 - 136	3	15	
Trichloroethene	1.0	U	25.0	23.3		ug/L		93	61 - 124	1	15	
Vinyl chloride	1.0	U	25.0	20.3		ug/L		81	43 - 157	3	24	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	102		78 - 122
Dibromofluoromethane (Surr)	102		73 - 120

Lab Sample ID: MB 240-616927/9

Matrix: Water

Analysis Batch: 616927

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			06/18/24 20:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			06/18/24 20:54	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 20:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			06/18/24 20:54	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			06/18/24 20:54	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			06/18/24 20:54	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	117		62 - 137		06/18/24 20:54	1
4-Bromofluorobenzene (Surr)	87		56 - 136		06/18/24 20:54	1
Toluene-d8 (Surr)	106		78 - 122		06/18/24 20:54	1
Dibromofluoromethane (Surr)	112		73 - 120		06/18/24 20:54	1

Lab Sample ID: LCS 240-616927/5

Matrix: Water

Analysis Batch: 616927

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS		Unit	D	%Rec	%Rec
		Added	Result				
1,1-Dichloroethene	25.0	22.2		ug/L		89	63 - 134
cis-1,2-Dichloroethene	25.0	24.4		ug/L		98	77 - 123
Tetrachloroethene	25.0	25.1		ug/L		100	76 - 123
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	75 - 124
Trichloroethene	25.0	26.2		ug/L		105	70 - 122

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QC Sample Results

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

Job ID: 240-205959-1

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

Lab Sample ID: LCS 240-616927/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 616927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Vinyl chloride	25.0	20.4		ug/L		81	60 - 144

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	98		56 - 136
Toluene-d8 (Surr)	105		78 - 122
Dibromofluoromethane (Surr)	101		73 - 120

Lab Sample ID: 240-206023-C-3 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 616927

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	10	U	250	195		ug/L		78	56 - 135
cis-1,2-Dichloroethene	200		250	400		ug/L		82	66 - 128
Tetrachloroethene	10	U	250	201		ug/L		80	62 - 131
trans-1,2-Dichloroethene	10	U	250	219		ug/L		88	56 - 136
Trichloroethene	320	F1	250	458	F1	ug/L		56	61 - 124
Vinyl chloride	10	U	250	183		ug/L		73	43 - 157

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		62 - 137
4-Bromofluorobenzene (Surr)	91		56 - 136
Toluene-d8 (Surr)	99		78 - 122
Dibromofluoromethane (Surr)	102		73 - 120

Lab Sample ID: 240-206023-C-3 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 616927

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	10	U	250	189		ug/L		76	56 - 135	3	26
cis-1,2-Dichloroethene	200		250	390		ug/L		78	66 - 128	3	14
Tetrachloroethene	10	U	250	193		ug/L		77	62 - 131	4	20
trans-1,2-Dichloroethene	10	U	250	216		ug/L		87	56 - 136	1	15
Trichloroethene	320	F1	250	434	F1	ug/L		47	61 - 124	5	15
Vinyl chloride	10	U	250	185		ug/L		74	43 - 157	1	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		62 - 137
4-Bromofluorobenzene (Surr)	86		56 - 136
Toluene-d8 (Surr)	97		78 - 122
Dibromofluoromethane (Surr)	89		73 - 120

QC Sample Results

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

Job ID: 240-205959-1

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

Lab Sample ID: MB 240-616471/5
Matrix: Water
Analysis Batch: 616471

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			06/13/24 15:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		68 - 127					06/13/24 15:13	1

Lab Sample ID: LCS 240-616471/4
Matrix: Water
Analysis Batch: 616471

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	10.0	10.9		ug/L		109	75 - 121
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)	102		68 - 127				

Lab Sample ID: 240-205959-2 MS
Matrix: Water
Analysis Batch: 616471

Client Sample ID: MW-222S-MS_061024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	2.0	U	10.0	10.9		ug/L		109	20 - 180
Surrogate	MS %Recovery	MS Qualifier	Limits						
1,2-Dichloroethane-d4 (Surr)	113		68 - 127						

Lab Sample ID: 240-205959-2 MSD
Matrix: Water
Analysis Batch: 616471

Client Sample ID: MW-222S-MSD_061024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	2.0	U	10.0	11.2		ug/L		112	20 - 180	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	115		68 - 127								

Lab Sample ID: MB 240-616884/6
Matrix: Water
Analysis Batch: 616884

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			06/18/24 10:48	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		68 - 127					06/18/24 10:48	1

QC Sample Results

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

Job ID: 240-205959-1

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

Lab Sample ID: LCS 240-616884/4

Matrix: Water

Analysis Batch: 616884

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	10.0	9.82		ug/L		98	75 - 121
Surrogate							
		LCS	LCS				
		%Recovery	Qualifier				Limits
1,2-Dichloroethane-d4 (Surr)		105					68 - 127

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QC Association Summary

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

Job ID: 240-205959-1

GC/MS VOA

Analysis Batch: 616471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-205959-2	MW-222S_061024	Total/NA	Water	8260D SIM	
MB 240-616471/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-616471/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-205959-2 MS	MW-222S-MS_061024	Total/NA	Water	8260D SIM	
240-205959-2 MSD	MW-222S-MSD_061024	Total/NA	Water	8260D SIM	

Analysis Batch: 616709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-205959-2	MW-222S_061024	Total/NA	Water	8260D	
MB 240-616709/9	Method Blank	Total/NA	Water	8260D	
LCS 240-616709/5	Lab Control Sample	Total/NA	Water	8260D	
240-205959-2 MS	MW-222S-MS_061024	Total/NA	Water	8260D	
240-205959-2 MSD	MW-222S-MSD_061024	Total/NA	Water	8260D	

Analysis Batch: 616884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-205959-3	MW-24_061024	Total/NA	Water	8260D SIM	
MB 240-616884/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-616884/4	Lab Control Sample	Total/NA	Water	8260D SIM	

Analysis Batch: 616927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-205959-1	TRIP BLANK_95	Total/NA	Water	8260D	
240-205959-3	MW-24_061024	Total/NA	Water	8260D	
MB 240-616927/9	Method Blank	Total/NA	Water	8260D	
LCS 240-616927/5	Lab Control Sample	Total/NA	Water	8260D	
240-206023-C-3 MS	Matrix Spike	Total/NA	Water	8260D	
240-206023-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Lab Chronicle

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

Job ID: 240-205959-1

Client Sample ID: TRIP BLANK_95

Lab Sample ID: 240-205959-1

Date Collected: 06/10/24 00:00

Matrix: Water

Date Received: 06/11/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	616927	TJL2	EET CLE	06/18/24 21:32

Client Sample ID: MW-222S_061024

Lab Sample ID: 240-205959-2

Date Collected: 06/10/24 11:40

Matrix: Water

Date Received: 06/11/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	616709	TJL2	EET CLE	06/17/24 21:43
Total/NA	Analysis	8260D SIM		1	616471	CS	EET CLE	06/13/24 23:26

Client Sample ID: MW-24_061024

Lab Sample ID: 240-205959-3

Date Collected: 06/10/24 13:45

Matrix: Water

Date Received: 06/11/24 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	616927	TJL2	EET CLE	06/18/24 23:07
Total/NA	Analysis	8260D SIM		1	616884	MDH	EET CLE	06/18/24 12:22

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: 240-205959-1

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	07-31-24
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	06-30-24
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-24
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

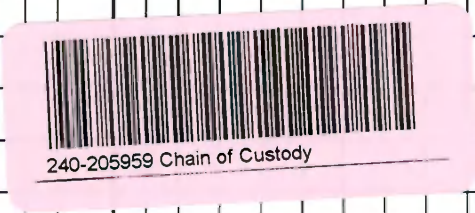
Chain of Custody Record

3.8
4.0

TestAmerica Laboratory location: Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763

Client Contact		Regulatory program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other				TestAmerica Laboratories, Inc.			
Company Name: Arcadis		Client Project Manager: Kris Hinskey		Site Contact: Christina Weaver		Lab Contact: Mike DelMonico		COC No: /	
Address: 28550 Cabot Drive, Suite 500		Telephone: 248-994-2240		Telephone: 248-994-2240		Telephone: 330-497-9396		1 of 1 COCs	
City/State/Zip: Novi, MI, 48377		Email: kristoffer.hinskey@arcadis.com		Analysis Turnaround Time		Analyses			
Phone: 248-994-2240		Sampler Name: <i>Noah Downie</i>		TAT if different from below		<input type="checkbox"/> 3 weeks <input checked="" type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day			
Project Name: Ford LTP		Method of Shipment/Carrier: /		10 day					
Project Number: 30206169.0401.03		Shipping/Tracking No: /							
PO # US3410018772									

Sample Identification	Sample Date	Sample Time	Matrix					Containers & Preservatives					Filtered Sample (V/N)	Composite=C/Grab=G	1,1-DCE 8260D	cis-1,2-DCE 8260D	Trans-1,2-DCE 8260D	PCE 8260D	TCE 8260D	Vinyl Chloride 8260D	1,4-Dioxane 8260D SIM	For lab use only	
			Air	Aqueous	Sediment	Solid	Other:	H2SO4	HNO3	HCl	NaOH	ZnAc											NaOH
✓ TRIP BLANK_95	---	---	1					1						NG	X	X	X	X	X	X			1 Trip Blank
✓ MW-2225-061024	06/10/24	11:40	6					6						NG	X	X	X	X	X	X			3 VOAs for 8260D 3 VOAs for 8260D SIM
✓ MW-2225-MS-061024	06/10/24	11:40	6					6						NG	X	X	X	X	X	X			Run MS/MSD
✓ MW-2225-MSD-061024	06/10/24	11:40	6					6						NG	X	X	X	X	X	X			Run MS/MSD
✓ MW-24-061024	06/10/24	13:45	65 ₅₀					65 ₃₀						NG	X	X	X	X	X	X			



Possible Hazard Identification			Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input checked="" type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Irritant	<input type="checkbox"/> Poison B	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client	<input checked="" type="checkbox"/> Disposal By Lab	<input type="checkbox"/> Archive For	Months	

Special Instructions/QC Requirements & Comments:

Submit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203728
Level IV Reporting requested.

Relinquished by: <i>Noah Downie</i>	Company: <i>Arcadis</i>	Date/Time: <i>06/10/24 17:00</i>	Received by: <i>Nat Cole storage</i>	Company: <i>Arcadis</i>	Date/Time: <i>06/10/24 17:00</i>
Relinquished by: <i>Jammer Guy</i>	Company: <i>Arcadis</i>	Date/Time: <i>6/10/24 1555</i>	Received by: <i>Julie M</i>	Company: <i>EENA</i>	Date/Time: <i>6/10/24</i>
Relinquished by: <i>Julie M</i>	Company: <i>EENA</i>	Date/Time: <i>6/10/24 1555</i>	Received in Laboratory by: <i>MALISSA LOAR</i>	Company: <i>EENA</i>	Date/Time: <i>6-11-24 9:30</i>

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Eurofins - Cleveland Sample Receipt Form/Narrative Login # : _____

Barberton Facility

Client Arrods Site Name _____ Cooler unpacked by: MALISSA LOAR

Cooler Received on 10-11-24 Opened on 10-11-24

FedEx 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # 22 Foam Box Client Cooler Box Other _____

Packing material used: Wet Ice Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt See Multiple Cooler Form

IR GUN # 17 (CF) 10.2 °C Observed Cooler Temp 3.2 °C Corrected Cooler Temp 4.0 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity Yes No No

-Were the seals on the outside of the cooler(s) signed & dated? Yes No No

-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No No

-Were tamper/custody seals intact and uncompromised? Yes No NA

3 Shippers' packing slip attached to the cooler(s)? Yes No No

4. Did custody papers accompany the sample(s)? Yes No No

5 Were the custody papers relinquished & signed in the appropriate place? Yes No No

6 Was/were the person(s) who collected the samples clearly identified on the COC? Yes No No

7 Did all bottles arrive in good condition (Unbroken)? Yes No No

8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No No

9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? Yes No No

10 Were correct bottle(s) used for the test(s) indicated? Yes No No

11 Sufficient quantity received to perform indicated analyses? Yes No No

12. Are these work share samples and all listed on the COC? Yes No No

If yes, Questions 13-17 have been checked at the originating laboratory

13 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC339814

14 Were VOAs on the COC? Yes No No

15 Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA

16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No No

17 Was a LL Hg or Me Hg trip blank present? Yes No No

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES additional next page Samples processed by: _____

1105-24-011024 | VOA Received Empty

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____



Temperature readings

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservation</u> <u>Temp</u>	<u>Added</u>	<u>Preservation</u> <u>Lot Number</u>
TRIP BLANK_95	240-205959-A-1	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-A-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-A-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-A-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-B-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-B-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-B-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-C-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-C-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-C-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-D-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-D-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-D-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-E-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-E-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-E-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-F-2	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-F-2 MS	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-222S_061024	240-205959-F-2 MSD	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-A-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-B-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-C-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-D-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-E-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-24_061024	240-205959-F-3	Voal Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____

DATA VERIFICATION REPORT



June 20, 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
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Cleveland
Laboratory submittal: 205959-1
Sample date: 2024-06-10
Report received by CADENA: 2024-06-20
Initial Data Verification completed by CADENA: 2024-06-20
Number of Samples:3
Sample Matrices: Water and trip blank
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:

MS/MSD recovery outliers or sample duplicate RPD outliers were not determined using a client sample from this submittal for the test and QC batch noted so qualification was not required based on these sample-specific QC outliers: GCMS VOC QC batch 616927.

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

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, MS/MSD Recovery, MS/MSD 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>.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	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 contaminants) 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.
E	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 contaminants) 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: 205959-1

Sample Name:	TRIP BLANK_95	MW-222S_061024	MW-24_061024
Lab Sample ID:	2402059591	2402059592	2402059593
Sample Date:	6/10/2024	6/10/2024	6/10/2024

Analyte	Cas No.	TRIP BLANK_95				MW-222S_061024				MW-24_061024			
		Result	Limit	Units	Valid Qualifier	Result	Limit	Units	Valid Qualifier	Result	Limit	Units	Valid Qualifier
GC/MS VOC													
<u>OSW-8260D</u>													
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	---
<u>OSW-8260DSIM</u>													
1,4-Dioxane	123-91-1					ND	2.0	ug/l	---	ND	2.0	ug/l	---