PREPARED FOR

Attn: Kristoffer Hinskey ARCADIS U.S., Inc. 28550 Cabot Drive Suite 500 Novi, Michigan 48377

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JOB DESCRIPTION

Ford LTP - Off Site

JOB NUMBER

240-180971-1

Eurofins Canton 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Canton

Job Notes

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Authorization

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Authorized for release by Michael DelMonico, Project Manager I Michael.DelMonico@et.eurofinsus.com (330)497-9396 O

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Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site Laboratory Job ID: 240-180971-1

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Qualifiers

GC/MS VOA

Qualifier Qualifier Description

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.
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Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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Case Narrative

Client: ARCADIS U.S., Inc.

Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Job ID: 240-180971-1

Laboratory: Eurofins Canton

Narrative

Job Narrative 240-180971-1

Receipt

The samples were received on 2/25/2023 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 0.4°C and 0.6°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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Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Ford LTP - Off Site

Job ID: 240-180971-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CAN
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET CAN
5030C	Purge and Trap	SW846	EET CAN

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

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Sample Summary

Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site Job ID: 240-180971-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-180971-1	TRIP BLANK_2	Water	02/23/23 00:00	02/25/23 08:00
240-180971-2	MW-117S_022323	Water	02/23/23 14:35	02/25/23 08:00

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Detection Summary

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_2 Lab Sample ID: 240-180971-1

No Detections.

No Detections.

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Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_2

Date Collected: 02/23/23 00:00 Date Received: 02/25/23 08:00 Lab Sample ID: 240-180971-1

Matrix: Water

Method: SW846 8260D - Vo Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L		<u> </u>	02/28/23 16:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/23 16:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 16:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/23 16:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 16:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/28/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137					02/28/23 16:22	1
4-Bromofluorobenzene (Surr)	87		56 - 136					02/28/23 16:22	1
Toluene-d8 (Surr)	93		78 - 122					02/28/23 16:22	1
Dibromofluoromethane (Surr)	95		73 - 120					02/28/23 16:22	1

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3/3/2023

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Client Sample Results

Job ID: 240-180971-1 Client: ARCADIS U.S., Inc.

Project/Site: Ford LTP - Off Site

Client Sample ID: MW-117S_022323 Lab Sample ID: 240-180971-2

92

100

Date Collected: 02/23/23 14:35 **Matrix: Water**

Date Received: 02/25/23 08:00

Toluene-d8 (Surr)

Dibromofluoromethane (Surr)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			03/01/23 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)								00/04/00 40:40	
1,2-Diciliordethane-u4 (Surr)	86		66 - 120					03/01/23 19:42	7
1,2-bichlordethane-d4 (Sun) : : Method: SW846 8260D - Vo		Compound						03/01/23 19:42	1
- ′	olatile Organic	Compound Qualifier		MDL	Unit	D	Prepared	03/01/23 19:42 Analyzed	Dil Fac
Method: SW846 8260D - Vo	olatile Organic	Qualifier	ds by GC/MS		Unit ug/L	<u>D</u> .	Prepared		Dil Fac

4-Bromofluorobenzene (Surr)	89		56 ₋ 136				02/28/23 19:17	1
1,2-Dichloroethane-d4 (Surr)	104		62 - 137				02/28/23 19:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.45	ug/L		02/28/23 19:17	1
Trichloroethene	1.0	U	1.0	0.44	ug/L		02/28/23 19:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L		02/28/23 19:17	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L		02/28/23 19:17	1
,—		-			9			

78 - 122

73 - 120

02/28/23 19:17

02/28/23 19:17

Surrogate Summary

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

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

Matrix: Water Prep Type: Total/NA

			Pe	ercent Surre	ogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-180962-B-2 MS	Matrix Spike	101	90	94	96
240-180962-B-2 MSD	Matrix Spike Duplicate	97	92	91	93
240-180971-1	TRIP BLANK_2	103	87	93	95
240-180971-2	MW-117S_022323	104	89	92	100
LCS 240-563755/5	Lab Control Sample	98	92	92	98
MB 240-563755/8	Method Blank	105	90	92	98

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)
		DCA	
Lab Sample ID	Client Sample ID	(66-120)	
240-180971-2	MW-117S_022323	86	
240-180977-E-2 MS	Matrix Spike	84	
240-180977-K-2 MSD	Matrix Spike Duplicate	83	
LCS 240-563886/4	Lab Control Sample	87	
MB 240-563886/6	Method Blank	95	
Surrogate Legend			

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

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Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

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

Lab Sample ID: MB 240-563755/8

Matrix: Water

Analysis Batch: 563755

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

MB MB Result Qualifier RL **MDL** Unit Dil Fac Analyte D Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 02/28/23 15:32 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 02/28/23 15:32 1.0 U 0.44 ug/L Tetrachloroethene 1.0 02/28/23 15:32 0.51 ug/L trans-1,2-Dichloroethene 1.0 U 1.0 02/28/23 15:32 Trichloroethene 1.0 U 1.0 0.44 ug/L 02/28/23 15:32 Vinyl chloride 1.0 U 1.0 0.45 ug/L 02/28/23 15:32

MB MB Surrogate %Recovery Qualifier Limits Prepared Dil Fac Analyzed 62 - 137 105 1,2-Dichloroethane-d4 (Surr) 02/28/23 15:32 4-Bromofluorobenzene (Surr) 90 56 - 136 02/28/23 15:32 92 78 - 122 Toluene-d8 (Surr) 02/28/23 15:32 Dibromofluoromethane (Surr) 98 73 - 120 02/28/23 15:32

Lab Sample ID: LCS 240-563755/5

Matrix: Water

Vinyl chloride

Analysis Batch: 563755

Client Sample ID: Lab Control Sample

60 - 144

99

Prep Type: Total/NA

Spike LCS LCS %Rec Added Analyte Result Qualifier Unit %Rec Limits 1,1-Dichloroethene 20.0 17.3 86 63 - 134 ug/L cis-1,2-Dichloroethene 20.0 18.1 ug/L 91 77 - 123 Tetrachloroethene 20.0 20.1 100 76 - 123 ug/L trans-1.2-Dichloroethene 20.0 19.8 ug/L 99 75 - 124 Trichloroethene 20.0 18.8 ug/L 94 70 - 122

20.0

LCS LCS Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 98 62 - 137 4-Bromofluorobenzene (Surr) 92 56 - 136

Toluene-d8 (Surr) 92 78 - 122 73 - 120 Dibromofluoromethane (Surr) 98

Analysis Batch: 563755

Lab Sample ID: 240-180962-B-2 MS **Client Sample ID: Matrix Spike Matrix: Water** Prep Type: Total/NA

19.7

ug/L

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	100	U	2000	1740		ug/L		87	56 - 135	
cis-1,2-Dichloroethene	120		2000	1910		ug/L		90	66 - 128	
Tetrachloroethene	100	U	2000	1990		ug/L		99	62 - 131	
trans-1,2-Dichloroethene	180		2000	2160		ug/L		99	56 - 136	
Trichloroethene	2100		2000	3860		ug/L		88	61 - 124	
Vinyl chloride	100	U	2000	2010		ug/L		100	43 - 157	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	94		78 - 122

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Client: ARCADIS U.S., Inc. Project/Site: Ford LTP - Off Site Job ID: 240-180971-1

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

Lab Sample ID: 240-180962-B-2 MS

Matrix: Water

Analysis Batch: 563755

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

MS MS

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

Lab Sample ID: 240-180962-B-2 MSD

Matrix: Water

Analysis Batch: 563755

Client Sample ID: Matrix Spike Duplicate

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	100	U	2000	1680		ug/L		84	56 - 135	4	26
cis-1,2-Dichloroethene	120		2000	1860		ug/L		87	66 - 128	3	14
Tetrachloroethene	100	U	2000	1970		ug/L		98	62 - 131	1	20
trans-1,2-Dichloroethene	180		2000	2080		ug/L		95	56 - 136	4	15
Trichloroethene	2100		2000	3730		ug/L		81	61 - 124	3	15
Vinyl chloride	100	U	2000	2010		ug/L		101	43 - 157	0	24
						-					

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	92		56 - 136
Toluene-d8 (Surr)	91		78 - 122
Dibromofluoromethane (Surr)	93		73 - 120

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

MB MB

Lab Sample ID: MB 240-563886/6

Matrix: Water

Analysis Batch: 563886

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

Client Sample ID: Lab Control Sample

80 - 122

98

Prep Type: Total/NA

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 03/01/23 13:13 2.0 U 0.86 ug/L MB MB

%Recovery Qualifier Surrogate Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 95 66 - 120 03/01/23 13:13

Lab Sample ID: LCS 240-563886/4

Matrix: Water

1,4-Dioxane

Analysis Batch: 563886

Spike LCS LCS %Rec Added Result Qualifier Limits Analyte Unit D %Rec

10.0

LCS LCS

Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 87 66 - 120

Lab Sample ID: 240-180977-E-2 MS

Matrix: Water

Analysis Batch: 563886

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

9.85

ug/L

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Unit Limits Analyte %Rec 1,4-Dioxane 2.0 U 10.0 10.3 ug/L 103 51 - 153

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QC Sample Results

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

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

Surrogate	MS %Recovery	MS Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	- 701(ecovery 84	Quantier	66 - 120								
1,2-Dichioroethane-u4 (Sun)	04		00 - 120								
Lab Sample ID: 240-1809 Matrix: Water Analysis Batch: 563886	77-K-2 MSD					Client	Samp	le ID: N	latrix Spil Prep Ty		
	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	10.2		ug/L		102	51 - 153	1	16
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	83		66 - 120								

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1 Project/Site: Ford LTP - Off Site

GC/MS VOA

Analysis Batch: 563755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-180971-1	TRIP BLANK_2	Total/NA	Water	8260D	
240-180971-2	MW-117S_022323	Total/NA	Water	8260D	
MB 240-563755/8	Method Blank	Total/NA	Water	8260D	
LCS 240-563755/5	Lab Control Sample	Total/NA	Water	8260D	
240-180962-B-2 MS	Matrix Spike	Total/NA	Water	8260D	
240-180962-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 563886

Lab Sample ID 240-180971-2	Client Sample ID MW-117S_022323	Prep Type Total/NA	Matrix Water	Method 8260D SIM	Prep Batch
MB 240-563886/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-563886/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-180977-E-2 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-180977-K-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_2

Lab Sample ID: 240-180971-1 Date Collected: 02/23/23 00:00 **Matrix: Water** Date Received: 02/25/23 08:00

Batch Batch Dilution Batch Prepared Method **Prep Type Factor** Number Analyst or Analyzed Type Run Lab 02/28/23 16:22 Total/NA Analysis 8260D 563755 TES EET CAN

Client Sample ID: MW-117S_022323 Lab Sample ID: 240-180971-2

Date Collected: 02/23/23 14:35 **Matrix: Water**

Date Received: 02/25/23 08:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	563755	TES	EET CAN	02/28/23 19:17
Total/NA	Analysis	8260D SIM		1	563886	BAJ	EET CAN	03/01/23 19:42

Laboratory References:

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

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Project/Site: Ford LTP - Off Site

Laboratory: Eurofins Canton

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	02-27-23 *
Connecticut	State	PH-0590	12-31-23
Florida	NELAP	E87225	06-30-23
Georgia	State	4062	02-27-23 *
Illinois	NELAP	200004	07-31-23
lowa	State	421	06-01-23
Kentucky (UST)	State	112225	02-27-23 *
Kentucky (WW)	State	KY98016	12-31-23
Michigan	State	9135	02-27-23 *
Minnesota	NELAP	039-999-348	12-31-23
Minnesota (Petrofund)	State	3506	08-01-23
New Jersey	NELAP	OH001	06-30-23
New York	NELAP	10975	04-01-23
Ohio	State	8303	02-27-23 *
Ohio VAP	State	CL0024	02-27-23 *
Oregon	NELAP	4062	02-28-24
Pennsylvania	NELAP	68-00340	08-31-23
Texas	NELAP	T104704517-22-17	08-31-23
Virginia	NELAP	460175	09-14-23
West Virginia DEP	State	210	12-31-23

 $^{^{\}star} \ \text{Accreditation/Certification renewal pending - accreditation/certification considered valid}.$

MICHIGAIN 190	Chai	Chain of Custody Record		TestAmerico
	TestAmerica Laboratory location: Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763	ion Drive, Suite 200 / Brighton, MI 48116 / 810-229	3-2763	THE LEADER OF ESTINGSOMMENTAL TESTING
Client Contact	Regulatory program: DW	NPDES RCRA Other		
Company Name: Arcadis	Client Project Manager: Kris Hinskey	Site Contact: Christina Weaver	Lab Contact: Mike DelMonico	TestAmerica Laboratories, Inc.
Address: 28550 Cabot Drive, Suite 500	Telephone: 248-994-2240	Telephone: 248-994-2240	Telephone: 330-497-9396	
City/State/Zlp: Novi, MI, 48377				1 of 1 COCs
Phone: 248-994-2240	Email: kristoffer.hinskey@arcadis.com	Analysis Lurharound Lime	Analyses	For lab use only
Project Name: Ford LTP Off-Site	Sampler Name:	TAT if different from below 3 weeks		Walkein client
Project Number: 30167538.402.04	/Carrier:	I week	1	Tab sampling
PO# 30167538.402.04	Shipping/Tracking No:	Grab	80928	Job/SDG No:
	Matrix	/)- -	B DCE	
Sample Identification	Sample Date Sample Time Sediment Sedime	Lift-DCE 8 Combested Combested Office: Combested Combest	cis-1,2-DC	Sample Specific Notes / Special Instructions:
FRIP BLANK_	2/23/23 1	2 2 2	×××××××××××××××××××××××××××××××××××××××	1 Trip Blank
5 5 5 C 5 O 5 7 1 - (1) MY	2/23/23 1425 6	X 1/ N	* * * * * * * * * * * * * * * * * * *	3 VOAs for 8260B
			240-180971 Chain of Custody	
Paccible Horard Identification				
Non-Hazard Flammable Skin Irritant	rritant Poison B Unknown	Return to Client Disposal By Lab	pies are retained longer than I month) Archive For Months	
Special Instructions/QC Requirements & Comments: Sample Address: 12 0 8 9 0 5 4 0 N Submit all results through Cadena at Homalia@cadenaco.com, Cadena #E203631 Level IV Reporting requested.	n fost tont yold			
Relinquished by: The Man		Cold	Stolage Conpany:	Date/Time: 2/808
Relinquished by Man 11	Company: ARCHOTS Date/Time:	D	Company	Date/Time; 23 10/35
Relinquished by:	Company Date Time:	Received in Laboratory by:	Company: Flor	Date Time: 573 80
COOR Teahmerica Laboratore, To. Maybe resorted to confidence, Pc. (editorina Laboratore), Pc.				

Eurofins - Canton Sar Barberton Facility	nple Receipt Form/Na	rrative	Login #	:	
	. <	Sita Nome		Cooler un	packed by:
Client Arcad	1 15,13	Site Name	7 75 12	1	De Da
Cooler Received on		Opened on	Q-91.4)	Va	my veg ye
FedEx: 1st Grd Exp		Client Drop Off		Other	
Receipt After-hours: Di			Storage Location	1	
Eurofins Cooler #	Foam Box		Box Other		
		oam Plastic Bag	-		
COOLANT:	Wet Ice Blue Ice	Dry Ice Wate	\		
1. Cooler temperature		C1 T	See Multiple Cooler		°C
IR GUN # IR-13 (0 IR GUN # IR-16 (0		Cooler Temp Cooler Temp.	C Corrected Cool Corrected Cool		_°C
IR GUN # IR-17 (C		Cooler Temp.	°C Corrected Gool		_°C
,	•		_	₹ ·	
2. Were tamper/custod				os No	Tests that are not
	the outside of the cooler			s No NA	checked for pH by
•	ody seals on the bottle(s)	•		os No	Receiving:
•	ody seals intact and unco	-		es No NA	VOAs
3. Shippers' packing slip				es No	Oil and Grease
 Did custody papers a Were the custody par 				No No	TOC
	pers relinquished & signe (s) who collected the san			40	
•	in good condition (Unbr	•		No No	
8. Could all bottle label		•		No No	
9. For each sample, does	,		/ \	annple type of g	rah/comp(Y/b0?
10. Were correct bottle(s		1		es No	and the same of th
11. Sufficient quantity re			V	L No	
12. Are these work share			Ý	es No	
	-17 have been checked at			CS (140	
13. Were all preserved si			Autory.	es No (NA) pl	I Strip Lot# HC203864
14. Were VOAs on the		-	(Y		
15. Were air bubbles >6		Larger ti	, _	es No NA	
16. Was a VOA trip blan					
17. Was a LL Hg or Me				es (No	
Control 1 D14					
Contacted PM	Date	бу	via Verbal	Voice Mail Oth	ar I
Concerning					

40.00.00.00			l	T .	
18. CHAIN OF CUSTO	DDY & SAMPLE DISC	REPANCIES L	additional next page	Samples proc	essed by:
19. SAMPLE CONDIT	ION				
Sample(s)		were received after	the recommended hold	ling time had exp	ired.
Sample(s)			were receive	d in a broken con	tainer.
Sample(s)					
20. SAMPLE PRESER	VATION				
Sample(s)			were fin	rther preserved in	the laboratory.
Sample(s) Time preserved:	Preservative(s) ad	ded/Lot number(s):	WOI 0 100	р. сост. тос м	
VOA Sample Preservation	n - Date/Time VOAs Fro	ozen:			

		Eurofin	s - Canto	on Sample Receipt	Multiple Coole	r Form		
Coole	Description			Observed	Corn		Coolan	ıt
	(Circle)	Circ		Temp °C	Tem		(Circle)
EC CHe		ther IR-13 IR-1		0.6	0.		Hice Blue Ice Water No	Dry Ice
EC Che	nt Box O	ther R-13 IR-1	6 IR-17	0,8	0.	6 (**	Noter Nor	ne
EC Cle	nt Box O	ther R-13 IR-1	6 IR-17			We	lice Sive ice Water Nor	Dry Ice
EC Cle	nt Box O	ther IR-13 IR-1	6 IR-17			We	lice Blue Ice Water Non	
EC Clie	nt Box O	ther IR-13 IR-1	6 IR-17			We	lice Blue Ice Water Non	Dry Ice
EC Cle	ni Box O	ther IR-13 IR-1	6 IR-17			We	lice Sive Ice Water Non	
EC Clie	nt Box O	ther IR-13 IR-1	6 IR-17			We	ice Sive ice Water Non	
EC Clie	nt Box O	ther IR-13 IR-1	6 IR-17			We	ice Sive Ice Water Non	00
EC Cle	ni Box O	ther IR-13 IR-1	6 IR-17			Wel	ice Blue ice Water Non	
EC Clie	nt Box O	ther IR-13 IR-1	6 IR-17			Wel	ice Blue ice Water Mon	
EC Clie	ni Box O	ther IR-13 IR-1	6 IR-17			Wel	ice Blue ice Water Mon	
EC Clie	nt Box O	ther IR-13 IR-1	6 IR-17			Wel	ice Blue ice Water None	Dry Ice
EC CBe	ont Box O	ther IR-13 IR-1	4 IR-17			Wet	ice Blue ice Water Mon-	Dry Ice
EC Clie	ni Box O	ther IR-13 IR-1	6 IR-17			Wet	ice Sive ice Water None	
EC CN	enf Box O	ther IR-13 IR-1	6 IR-17			Wet	Wester_ None	
EC Clie	onf Box O	Wher IR-13 IR-1	6 IR-17			Wet	Water None	
EC Clie	onf Box O	Wher IR-13 IR-1	6 IR-17			Wet	Water None	
EC Clie	n Box O	1R-13 1R-1	6 IR-17			Wet	Water None	
EC Cle	onf Box O	ther IR-13 IR-1	6 IR-17			Wet	Water Mone	
EC Clie	nt Box O	ther IR-13 IR-1				Wet	Water Mone	
EC Cle	nt Box O	Mer IR-13 IR-1	6 IR-17			Wef	Water None	
EC Clie	nt Box O	ther IR-13 IR-16				Wet	Water None	
EC Clie	nf Box O	ther IR-13 IR-16	6 IR-17				ce Blue Ice Water None	
EC Clie	nt Box O	Mer R-13 R-16	IR-17				ce Blue Ice Water None	
EC Clie	nt Box O	ther IR-13 IR-16					ce Sive Ice Water None	
EC Cle	nt Box O						e Muelce Water None	
EC Cle	nt Box O					Wet I	e Sive Ice Water None	
EC Cle	nt Box O					Wet is	Water None	
EC Cle	nt Box O						e Blue Ice Water None	
EC Cle	nt Box O	Mer IR-13 IR-16	IR-17				Water Hone	
EC Cle	nt Box O						e Blue Ice Water None	
EC Cle	ni Box O	IR-13 IR-16	IR-17				e Blue Ice Water Hone	
EC Cle	nt Box Of						e Blue Ice Water None	
EC Cle	nt Box Of	Her IR-13 IR-16	IR-17				Blue Ice Water Hone	
						See Temperatur	Excursion F	orm

WI-NC-099 Cooler Receipt Form Page 2 - Multiple Coolers

3/3/2023

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DATA VERIFICATION REPORT



March 06, 2023

Kris Hinskey Arcadis Inc 10559 Citation Ave Suite 100 Brighton, MI 48116

CADENA project ID: E203631

Project: Ford Livonia Transmission Project - OFF-SITE - Soil Gas and Groundwater

Project number: 30146655.402.04 off-site

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

Laboratory submittal: 180971-1 Sample date: 2023-02-23

Report received by CADENA: 2023-03-03

Initial Data Verification completed by CADENA: 2023-03-06

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.

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: E203631

Laboratory: Eurofins Environment Testing LLC - Barberton

Laboratory Submittal: 180971-1

		Sample Name:	TRIP BLA	ANK_2			MW-117	7S_0223	23	
		Lab Sample ID:	2401809	9711			2401809	9712		
		Sample Date:	2/23/20	23			2/23/20	23		
				Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	Qualifier
GC/MS VOC										
OSW-8260	<u>OD</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>DDSIM</u>									
	1,4-Dioxane	123-91-1					ND	2.0	ug/l	



Ford Motor Company – Livonia Transmission Project

Data Review

Livonia, Michigan

Volatile Organic Compounds (VOC) Analysis

SDG # 240-180971-1

CADENA Verification Report: 2023-03-06

Analyses Performed By: Eurofins North Canton, Ohio

Report # 48956R Review Level: Tier III Project: 30167538.601.01

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-180971-1 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 Collection		Ana	lysis
Sample ID	Lab ID	Matrix	Date	Parent Sample	voc	VOC SIM
TRIP BLANK_2	240-180971-1	Water	02/23/23		Х	
MW-117S_022323	240-180971-2	Water	02/23/23		X	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

Items Reviewed	Rep	orted	Performance Acceptable		Not	
	No	Yes	No	Yes	Required	
Sample receipt condition		Х		Х		
2. Requested analyses and sample results		X		X		
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		
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 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	Performance Acceptable		Not	
	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		
lon abundance criteria for each instrument used		Х		Х		
Field Duplicate RPD	Х				Х	
Internal standard		Х		Х		
Compound identification and quantitation						
A. Reconstructed ion chromatograms		Х		Х		
B. Quantitation Reports		Х		Х		
C. RT of sample compounds within the established RT windows		Х		Х		
D. Transcription/calculation errors present		Х		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: Hrishikesh Upadhyaya

SIGNATURE:

DATE: March 15, 2023

PEER REVIEW: Andrew Korycinski

DATE: March 17, 2023

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS

MICHIGAN 190

Chain of Custody Record

<u>TestAmerica</u>

TestAmerica Laboratory location: Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763 Client Contact □ DW Regulatory program: - NPDES □ RCRA Other Company Name: Arcadis TestAmerica Laboratories, Inc. 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 City/State/Zip: Novi, MI, 48377 1 of 1 COCs Analysis Turnaround Time Email: kristoffer.hinskey@arcadis.com Analyses For lab use only Phone: 248-994-2240 TAT if different from below Sampler Name: Walk-in client Goon Turner
Method of Shipment/Carrier: Project Name: Ford LTP Off-Site 3 weeks ≥ 2 weeks Lab sampling Project Number: 30167538.402.04 8260B SIM ple (Y / N) 2 days Vinyl Chloride 82608 cis-1,2-DCE 8260B PO # 30167538.402.04 Shipping/Tracking No: ☐ I day Job/SDG No: 1,1-DCE 8260B Matrix Containers & Preservatives 1.4-Dioxane TCE 8260B Sample Specific Notes / NaOH Solld HC Special Instructions: Sample Identification Sample Date | Sample Time TRIP BLANK_ NG X X 1 Trip Blank 3 VOAs for 8260B MW-1175-022323 1435 3 VOAs for 8260B SIM 240-180971 Chain of Custody Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than I month) ■ Non-Hazard
 ■ Flammable Skin Irritant Poison B Unknown Return to Client Disposal By Lab Archive For Special Instructions/QC Requirements & Comments: Sample Address: 12 089 BOSTON POST LOVIT YOLD Submit all results through Cadena at itomalia@cadenaco.com. Cadena #E203631 evel IV Reporting requested cold storage NOVI Relinquished by Received in Laboratory by:

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Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 240-180971-1

Client Sample ID: TRIP BLANK_2

Project/Site: Ford LTP - Off Site

Lab Sample ID: 240-180971-1

Date Collected: 02/23/23 00:00 **Matrix: Water** Date Received: 02/25/23 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			02/28/23 16:22	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/23 16:22	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 16:22	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/23 16:22	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 16:22	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/28/23 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137					02/28/23 16:22	1
4-Bromofluorobenzene (Surr)	87		56 ₋ 136					02/28/23 16:22	1
Toluene-d8 (Surr)	93		78 - 122					02/28/23 16:22	1
Dibromofluoromethane (Surr)	95		73 - 120					02/28/23 16:22	1

Client Sample ID: MW-117S_022323 Lab Sample ID: 240-180971-2

Date Collected: 02/23/23 14:35 Date Received: 02/25/23 08:00

Dibromofluoromethane (Surr)

Method: SW846 8260D SIN	/I - Volatile Orga	anic Comp	ounds (GC/N	IS)					
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			03/01/23 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1 2-Dichloroethane-d4 (Surr)	86	-	66 120			-		03/01/23 19:42	1

Surrogate	%Recovery	Qualifier	Limits				Prepared	Anaiyzea	DII Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 120			-		03/01/23 19:42	1
Method: SW846 8260D - Vo	olatile Organic	Compoun	ds 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			02/28/23 19:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			02/28/23 19:17	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 19:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			02/28/23 19:17	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			02/28/23 19:17	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			02/28/23 19:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137			-		02/28/23 19:17	1
4-Bromofluorobenzene (Surr)	89		56 - 136					02/28/23 19:17	1
Toluene-d8 (Surr)	92		78 ₋ 122					02/28/23 19:17	1

73 - 120

100

02/28/23 19:17

Matrix: Water