PREPARED FOR

Attn: Kristoffer Hinskey ARCADIS US Inc 28550 Cabot Drive Suite 500 Novi, Michigan 48377

Generated 11/27/2023 4:43:56 AM

JOB DESCRIPTION

Ford LTP - Off Site

JOB NUMBER

240-195400-1

Eurofins Cleveland 180 S. Van Buren Avenue Barberton OH 44203

Eurofins Cleveland

Job Notes

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Authorization

Generated 11/27/2023 4:43:56 AM

Authorized for release by Michael DelMonico, Project Manager I <u>Michael.DelMonico@et.eurofinsus.com</u> (330)497-9396 Client: ARCADIS US Inc Project/Site: Ford LTP - Off Site Laboratory Job ID: 240-195400-1

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Definitions/Glossary

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

Qualifiers

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131	L.	IVI	VOA
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 Qualifier
 Qualifier Description

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 MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not

applicable.

U Indicates the analyte was analyzed for but not detected.

Glossary

DLC

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	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

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)

Decision Level 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

Eurofins Cleveland

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Case Narrative

Client: ARCADIS US Inc

Project/Site: Ford LTP - Off Site

Job ID: 240-195400-1

Job ID: 240-195400-1

Laboratory: Eurofins Cleveland

Narrative

Job Narrative 240-195400-1

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 11/14/2023 10:00 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 3.2° C and 3.4° 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 US Inc
Project/Site: Ford LTP - Off Site

Job ID: 240-195400-1

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

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 - Off Site

Job ID: 240-195400-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-195400-1	TRIP BLANK_138	Water	11/09/23 00:00	11/14/23 10:00
240-195400-2	MW-101S_110923	Water	11/09/23 11:30	11/14/23 10:00

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Q

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Detection Summary

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_138 Lab Sample ID: 240-195400-1

No Detections.

No Detections.

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Client Sample Results

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

Date Received: 11/14/23 10:00

Client Sample ID: TRIP BLANK_138

Lab Sample ID: 240-195400-1 Date Collected: 11/09/23 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			11/19/23 17:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/19/23 17:36	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 17:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/19/23 17:36	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 17:36	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/19/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		62 - 137					11/19/23 17:36	1
4-Bromofluorobenzene (Surr)	88		56 ₋ 136					11/19/23 17:36	1
Toluene-d8 (Surr)	107		78 - 122					11/19/23 17:36	1
Dibromofluoromethane (Surr)	96		73 - 120					11/19/23 17:36	1

Client Sample Results

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

Client Sample ID: MW-101S_110923

Lab Sample ID: 240-195400-2 Date Collected: 11/09/23 11:30

Matrix: Water

Date Received: 11/14/23 10:00

Surrogate

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (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			11/22/23 22:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 120			-		11/22/23 22:15	1
- Method: SW846 8260D - Volati	le Organic Comp	ounds by G	C/MS						
modica. Otto-to ozoob - tolati		ounds by c	0/1110						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
		Qualifier		MDL 0.49		<u>D</u> .	Prepared	Analyzed 11/19/23 18:01	Dil Fac
Analyte 1,1-Dichloroethene	Result	Qualifier U	RL		ug/L	<u>D</u> .	Prepared	·	Dil Fac 1 1
Analyte 1,1-Dichloroethene	Result 1.0	Qualifier U	1.0 RL	0.49	ug/L ug/L	<u>D</u> -	Prepared	11/19/23 18:01	1 1 1
Analyte 1,1-Dichloroethene cis-1,2-Dichloroethene	Result 1.0 1.0	Qualifier U U U	1.0 1.0	0.49 0.46	ug/L ug/L ug/L	<u>D</u>	Prepared	11/19/23 18:01 11/19/23 18:01	Dil Fac 1 1 1 1
Analyte 1,1-Dichloroethene cis-1,2-Dichloroethene Tetrachloroethene	Result 1.0 1.0 1.0	Qualifier U U U U	1.0 1.0 1.0	0.49 0.46 0.44	ug/L ug/L ug/L ug/L	<u>D</u> -	Prepared	11/19/23 18:01 11/19/23 18:01 11/19/23 18:01	Dil Fac 1 1 1 1 1 1 1

Limits

62 - 137

56 - 136

78 - 122

73 - 120

%Recovery Qualifier

104

88

107

94

11/27/2023

Dil Fac

Analyzed

11/19/23 18:01

11/19/23 18:01

11/19/23 18:01

11/19/23 18:01

Prepared

Surrogate Summary

Client: ARCADIS US Inc Job ID: 240-195400-1 Project/Site: Ford LTP - Off Site

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

Matrix: Water Prep Type: Total/NA

				Percent Sui	rogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(62-137)	(56-136)	(78-122)	(73-120)
240-195284-B-4 MS	Matrix Spike	98	90	104	95
240-195284-B-4 MSD	Matrix Spike Duplicate	100	90	106	96
240-195400-1	TRIP BLANK_138	105	88	107	96
240-195400-2	MW-101S_110923	104	88	107	94
LCS 240-595140/5	Lab Control Sample	102	89	107	98
MB 240-595140/9	Method Blank	107	88	107	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)	
240-195177-C-7 MS	Matrix Spike	98	
240-195177-D-7 MSD	Matrix Spike Duplicate	100	
240-195400-2	MW-101S_110923	101	
LCS 240-595638/4	Lab Control Sample	101	
MB 240-595638/5	Method Blank	101	
Surrogate Legend			
DCA = 1,2-Dichloroetha	ne-d4 (Surr)		

Job ID: 240-195400-1

Client: ARCADIS US Inc Project/Site: Ford LTP - Off Site

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

Lab Sample ID: MB 240-595140/9

Matrix: Water

Analysis Batch: 595140

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

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed 1,1-Dichloroethene 1.0 U 1.0 0.49 ug/L 11/19/23 15:12 cis-1,2-Dichloroethene 1.0 U 1.0 0.46 ug/L 11/19/23 15:12 1.0 U 1.0 0.44 ug/L 11/19/23 15:12 Tetrachloroethene trans-1,2-Dichloroethene 1.0 U 11/19/23 15:12 1.0 0.51 ug/L Trichloroethene 1.0 U 1.0 0.44 ug/L 11/19/23 15:12 Vinyl chloride 1.0 U 1.0 0.45 ug/L 11/19/23 15:12

MB MB

	Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	1,2-Dichloroethane-d4 (Surr)	107		62 - 137		11/19/23 15:12	1
	4-Bromofluorobenzene (Surr)	88		56 - 136		11/19/23 15:12	1
	Toluene-d8 (Surr)	107		78 - 122		11/19/23 15:12	1
ı	Dibromofluoromethane (Surr)	98		73 - 120		11/19/23 15:12	1

Lab Sample ID: LCS 240-595140/5

Matrix: Water

Analysis Batch: 595140

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.0	17.8		ug/L	<u></u>	89	63 - 134	
cis-1,2-Dichloroethene	20.0	17.2		ug/L		86	77 - 123	
Tetrachloroethene	20.0	19.7		ug/L		99	76 - 123	
trans-1,2-Dichloroethene	20.0	17.0		ug/L		85	75 - 124	
Trichloroethene	20.0	16.8		ug/L		84	70 - 122	
Vinyl chloride	20.0	19.9		ug/L		100	60 - 144	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	89		56 ₋ 136
Toluene-d8 (Surr)	107		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

Lab Sample ID: 240-195284-B-4 MS

Matrix: Water

Analysis Batch: 595140

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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20	U	400	335		ug/L		84	56 - 135	
cis-1,2-Dichloroethene	510		400	853		ug/L		85	66 - 128	
Tetrachloroethene	20	U	400	371		ug/L		93	62 - 131	
trans-1,2-Dichloroethene	20	U	400	336		ug/L		84	56 - 136	
Trichloroethene	20	U	400	324		ug/L		81	61 - 124	
Vinyl chloride	380		400	769		ug/L		96	43 - 157	

MS MS

Surrogate	%Recovery Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98	62 - 137
4-Bromofluorobenzene (Surr)	90	56 - 136
Toluene-d8 (Surr)	104	78 - 122

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11/27/2023

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Client: ARCADIS US Inc Project/Site: Ford LTP - Off Site Job ID: 240-195400-1

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

Lab Sample ID: 240-195284-B-4 MS

Matrix: Water

Analysis Batch: 595140

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

MS MS

Surrogate %Recovery Qualifier Limits Dibromofluoromethane (Surr) 95 73 - 120

Lab Sample ID: 240-195284-B-4 MSD

Matrix: Water

Analysis Batch: 595140

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	20	U	400	355		ug/L		89	56 - 135	6	26
cis-1,2-Dichloroethene	510		400	878		ug/L		91	66 - 128	3	14
Tetrachloroethene	20	U	400	398		ug/L		99	62 - 131	7	20
trans-1,2-Dichloroethene	20	U	400	363		ug/L		91	56 - 136	8	15
Trichloroethene	20	U	400	349		ug/L		87	61 - 124	7	15
Vinyl chloride	380		400	760		ug/L		94	43 - 157	1	24

MSD MSD

MR MR

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		62 - 137
4-Bromofluorobenzene (Surr)	90		56 - 136
Toluene-d8 (Surr)	106		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

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

Lab Sample ID: MB 240-595638/5

Matrix: Water

Analysis Batch: 595638

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte Result Qualifier RL **MDL** Unit Prepared Analyzed Dil Fac 1,4-Dioxane 2.0 U 2.0 0.86 ug/L 11/22/23 15:25 MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 101 66 - 120 11/22/23 15:25

Lab Sample ID: LCS 240-595638/4

Matrix: Water

Analysis Batch: 595638

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

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 1,4-Dioxane 10.0 9.96 ug/L 100 80 - 122

LCS LCS

%Recovery Qualifier Limits Surrogate 1,2-Dichloroethane-d4 (Surr) 66 - 120 101

Lab Sample ID: 240-195177-C-7 MS

Matrix: Water

Analysis Batch: 595638

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Red	Limits	
1,4-Dioxane	280		20.0	309	4	ug/L		121	51 - 153	

Eurofins Cleveland

QC Sample Results

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

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

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		66 - 120

Lab Sam	ple ID	: 240-19	95177-I	D-7 MSD

Matrix: Water

Analysis Batch: 595638											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,4-Dioxane	280		20.0	313	4	ug/L		144	51 - 153	2	16

MSD MSD

Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 100 66 - 120

Prep Type: Total/NA

Client Sample ID: Matrix Spike Duplicate

QC Association Summary

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

GC/MS VOA

Analysis Batch: 595140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
240-195400-1	TRIP BLANK_138	Total/NA	Water	8260D	
240-195400-2	MW-101S_110923	Total/NA	Water	8260D	
MB 240-595140/9	Method Blank	Total/NA	Water	8260D	
LCS 240-595140/5	Lab Control Sample	Total/NA	Water	8260D	
240-195284-B-4 MS	Matrix Spike	Total/NA	Water	8260D	
240-195284-B-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D	

Analysis Batch: 595638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-195400-2	MW-101S_110923	Total/NA	Water	8260D SIM	
MB 240-595638/5	Method Blank	Total/NA	Water	8260D SIM	
LCS 240-595638/4	Lab Control Sample	Total/NA	Water	8260D SIM	
240-195177-C-7 MS	Matrix Spike	Total/NA	Water	8260D SIM	
240-195177-D-7 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

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Lab Chronicle

Client: ARCADIS US Inc Job ID: 240-195400-1

Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_138

Lab Sample ID: 240-195400-1 Date Collected: 11/09/23 00:00

Matrix: Water

Date Received: 11/14/23 10:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	595140	НМВ	EET CLE	11/19/23 17:36

Client Sample ID: MW-101S_110923 Lab Sample ID: 240-195400-2

Date Collected: 11/09/23 11:30 Matrix: Water

Date Received: 11/14/23 10:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8260D		1	595140	НМВ	EET CLE	11/19/23 18:01
Total/NA	Analysis	8260D SIM		1	595638	CS	EET CLE	11/22/23 22:15

Laboratory References:

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

Accreditation/Certification Summary

Client: ARCADIS US Inc Job ID: 240-195400-1 Project/Site: Ford LTP - Off Site

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	02-27-24
Georgia	State	4062	02-27-24
Illinois	NELAP	200004	07-31-24
lowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-28-24
Kentucky (WW)	State	KY98016	12-31-23
Michigan	State	9135	02-27-24
Minnesota	NELAP	039-999-348	12-31-23
Minnesota (Petrofund)	State	3506	08-01-23 *
New Jersey	NELAP	OH001	07-01-24
New York	NELAP	10975	04-02-24
Ohio	State	8303	02-27-24
Ohio VAP	State	ORELAP 4062	02-27-24
Oregon	NELAP	4062	02-27-24
Pennsylvania	NELAP	68-00340	08-31-24
Texas	NELAP	T104704517-22-19	08-31-24
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-23

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

MICH	MICHIGAN Chain	Chain of Custody Record		TestAmerica
Client Contact	1	All 48116	763	THE LEADER IN BRYINGHMENTAL TESTING
Ompany Name: Arcadis	Negotatory Program:	NFDES NCKA Under		Tact America Chancetonics
Address: 2850 Caba Drive Suite 500	Client Project Manager: Kris Hinskey	Site Contact: Christina Weaver	Lab Contact: Mlke DelMonico	COC No:
THE STATE ST	Telephone: 248-994-2240	Telephone: 248-994-2240 T	Telephone: 330-497-9396	
ity/State/Zip: Novi, MI, 48377	Fmail: kristoffer. hinskey@arcadis.com	Analysis Turnaround Time	Ansiyees	For Johnson and
hone: 248-994-2240	CHAIL NISCORE HEBSEC (CALCACTOR)			rot tao use only
'roject Name: Ford LTP Off-Site	Ald 100 Pite C	TAT if different from below 3 weeks		Walk-in client
'roject Number: 30167538,402.04	Method of Shipment/Carrier:	☐ week		Lab sampling
·O # 30167538.402.04	Shipping/Tracking No:	Grab.	85608	Job/SDG No:
	Matrix	85e0	2-DCE	
Sample Identification	Sample Date Sample Time At Aqueeus Solid	1'4-DCE Combos Elifeted Unbres NaOH HCI HCI HXO9	de-1,2-C Trans-1, PCE 826 Vinyl Ch 1,4-Diox	Sample Specific Notes / Special Instructions:
TRIP BLANK_ 138	1	× 0 Z	× × × ×	1 Trip Blank
MW-1015-110923	11/09/12 11.30	S	X X X X	3 VOAs for 8260B
Page				
18 c				
f 20				
		240	240-195400 Chain of Custody	
Possible Hazard Identification	4	Sample Disposal (A fee may be assessed if sample:	e assessed if samples are retained longer than 1 mouth)	
pecial Instructions/QC Requirements & Comments:		Ketum to Client P Disposal By Lab	Archive For Months	
ubmit sil results through Cadena at Nomalia@cadenaco.com. Cadena #E203631 evel IV Reporting requested.				
clinquished by Classian Office.	Company: Date/Ting: 158	5		
elinquished by:	(13123	3		Date Tithe: 3 3
clinquished by UM M	Company: EEM Date (113) >3	Received in Laboratory by:	Company: EETUC	Date/Time:
2008. Telekriptos Laboratories, he. As 1996 septyred Telegories & Design III, see tradementes of Telekriptos Laboratories, inc.				

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Eurofins - Cleveland Sample	Receipt Form/Narrative	Login	#:	
Barberton Facility				1 11
Client Alcadis	Site Name		Cooler unpac	cked by:
Cooler Received on 11.14-23	Opened on 1/1.	14.23	Hussa	Alkeyon
	AS Waypoint Client Drop Off		Other	
Receipt After-hours: Drop-off D	ate/Time	Storage Location		
Eurofins Cooler # EC	Foam Box Client Cooler B	lox Other		
Packing material used: (Bub	ble Wrap Foam Plastic Bag	None Other		_
COOLANT: Wet Ice	Blue Ice Dry Ice Water	None		
1. Cooler temperature upon rece	ipt	See Multiple Cooler Fo	orm	
	°C) Observed Cooler			「emp°C
	the outside of the cooler(s)? If Yes		2 11	Tests that are not
	de of the cooler(s) signed & dated?		- NIA III '	hecked for pH by
	on the bottle(s) or bottle kits (LLHg	3/MeHg)? Ye	s (No)	Receiving:
-Were tamper/custody seals	-	Ye		
3. Shippers' packing slip attached		Ye	B 140 1	OAs
4. Did custody papers accompany	-	(Ye	NO I	OC
	uished & signed in the appropriate		s) No	
•	ollected the samples clearly identifie	~	s) No	
7. Did all bottles arrive in good c			No	
	e/Time) be reconciled with the COC) No	
	specify preservatives (Y/N), # of c		1	/comp(Y/N)?
10. Were correct bottle(s) used for		Yes) No	
11. Sufficient quantity received to	-	(Yes	No No	
12. Are these work share samples			s №	
*	een checked at the originating labor			
13. Were all preserved sample(s) a	t the correct pH upon receipt?			trip Lot# HC316719
14. Were VOAs on the COC?) No	
	y VOA vials? Larger tha		(N) NA	
16. Was a VOA trip blank present	in the cooler(s)? Trip Blank Lot #_	Gadas (Ye)	No	
1/. Was a LL Hg or Me Hg trip b	ank present?	Yes	6	
Contacted PM D	ate by	via Verbal V	oice Mail Other	
Concerning				
18. CHAIN OF CUSTODY & S.	AMPLE DISCREPANCIES D	additional next page	Samples process	ed by:
		,		
19. SAMPLE CONDITION				
Sample(s)	were received after the	he recommended holdir	ng time had expire	d.
Sample(s)		were received	in a broken contai	ner.
	were received			
20. SAMPLE PRESERVATION				
Sample(s)		were furth	ner processed in th	e laboratory
Sample(s)Pre	servative(s) added/Lot number(s)	were nuru	ici preserved ili ti	io incoratory.
110				
VOA Sample Preservation - Date/7	Time VOAs Frozen:			

C				Ediolina - Cari	tun Sample Receipt	Miditible Cooler Loll	
_	ooler D			IR Gun #	Observed	Corrected	Coolant
	(Ci	rcle)		(Circle)	Temp °C	Temp °C	(Circle)
EC	Client	Box	Other	IR GUN #: 21	3.2	3.9	Water None
EC	Client	Box	Other	IR GUN #:	3.2	3.2	Wellice Blue Ice Dry ice Water None
EC	Client	Box	Other	IR GUN #:			Wellce Blue Ice Dry Ice Water None
EC	Client	Box	Other	IR GUN #:		· ·	Wellige Blue Ice Bry Ice Water Mone
EC	Client	Box	Other	IR GUN #:			Wellce Blue Ice Bry Ice Water Mone
\$C	Client	Box	Other	IR GUN #:			Wellice Blue Ice Dy Ice Water Mone
₽C	Client	Box	Other	IR GUN #:			Wellice Nee lice Dry ice Wellie Mone
EC	CSent	Box	Other	IR GUN #:		1	Wellce Nee Ice Dy Ice Water Mane
BC.	Client	Box	Other	IR GUN #:			Wellice Sive Ice Bytce Water Mone
BC	Client	Box	Other	IR GUN #:	•		Well to the lee by lee
EC	Client	Dox	Other	R GUN 9:	1971		Wellice the Ice Bylce
BC	Client	Box	Other	R GUN P:	- W		Wette the tee bytes
BC	Client	Box	Other	IR G9N #:			Wellto Muelto by to
IC.	Client	Best	Other	IR GUN 6:			Weller . She let / Styles
BC	Cloud	Best	Other	M GUN F:			Wellie Blyglee Bryles
. ec	Client	Box	Other	IR GUN #:			Wet toe the toe By to
IC	Client	Bex	Other	IR GUN F:		7:	Wellice the lee Byles Water Mann
\$C	Client	3-ox	Other	R GUN #:		1	Weller Blooke Brytes
€C	Client	Box	Other	IR GUN #:			Wellice . Shee los Bry ice
EC	Client	Jex	Other	IR GIN #:		r'	Wellice Sive Ice Bry Ice
BC	Client	Beat	Other	IR GUN #:			Well to Nee to Dry to
SC	Client	lox	Other	ir con o:		. *	Well too Blue too Bry too
80	Client	Dear	Other	IR GUN F:		A	Weller Monte Dry Ice
ec.	Client	Beat	Other	IR GUN #:		12.50	Wellce Blue ice Bry ice Water Blane
EC	Client	Box	Other	IR GIM 0:		, Į.	Wolfer None Bryles
EC	Client	Box	Other	R GON #:	`		Wellce Neelce Brylce
EC	Client	Box	Other	IR GUN 9:		76	Water Mana
€C	Client	Box	Other	IR GUN #:		4. 9.	Work Mone
€C	Client	Box	Other	IR GUN #:	to the t		Market Mark
EC	Client	Dox	Other	IR GUN 6:		-	Well too My lee By lee
₽C	Client	Box	Other	IR GUN #:			Wellice Stee Ice Ory Ice
EC	Client	Box	Other	IR GUN P:		<i>N</i>	Wolfee Notice Dry Ice Water Name
EC	Client	30x	Other	R GUN F:		, ,	Wellice Blue Ice, Dry Ice Water Hebe
EC	Client	Jox	Other	R GUN #;		· ·	Wellice Blue Ice Dry Ice Woler Name
			-		,	See Temp	erature Excursion Form

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

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4.0

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DATA VERIFICATION REPORT



November 27, 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: 30167538.402.04 off-site

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

Laboratory submittal: 195400-1 Sample date: 2023-11-09

Report received by CADENA: 2023-11-27

Initial Data Verification completed by CADENA: 2023-11-27

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 - Cleveland

Laboratory Submittal: 195400-1

		Sample Name: Lab Sample ID: Sample Date:	TRIP BLA 2401954 11/9/20	4001	3		MW-103 2401954 11/9/20	4002	23	
		•		Report		Valid		Report		Valid
	Analyte	Cas No.	Result	Limit	Units	Qualifier	Result	Limit	Units	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-826	<u>ODSIM</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 # 240-195400-1

CADENA Verification Report: 2023-11-27

Analyses Performed By: Eurofins Cleveland Barberton, Ohio

Report # 52156R Review Level: Tier III Project: 30167538.402.02

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Group (SDG) # 240-195400-1 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	IVIALITA	Collection Date	Farent Sample	VOC	VOC SIM
TRIP BLANK_138	240-195400-1	Water	11/09/2023		Х	
MW-101S_110923	240-195400-2	Water	11/09/2023		Х	X

ANALYTICAL DATA PACKAGE DOCUMENTATION

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

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

ORGANIC ANALYSIS INTRODUCTION

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

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

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

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

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

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

1. Holding Times

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

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

All samples were analyzed within the specified holding time criteria.

2. Mass Spectrometer Tuning

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

System performance and column resolution were acceptable.

3. Calibration

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

3.1 Initial Calibration

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

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

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

3.2 Continuing Calibration

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

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

4. Internal Standard Performance

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

All internal standard responses were within control limits.

5. Field Duplicate Analysis

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

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

6. Compound Identification

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

No compounds were detected in the samples within this SDG.

7. System Performance and Overall Assessment

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

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: 8260D/8260D-SIM	Rep	orted		rmance ptable	Not Required	
	No	Yes	No	Yes	Required	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (G	C/MS)					
Tier II Validation						
Holding times/Preservation		Х		Х		
Tier III Validation						
System performance and column resolution		Х		Х		
Initial calibration %RSDs		Х		Х		
Continuing calibration RRFs		Х		Х		
Continuing calibration %Ds		Х		Х		
Instrument tune and performance check		Х		Х		
Ion abundance criteria for each instrument used		Х		Х		
Field Duplicate RPD	Х				Х	
Internal standard		Х		Х		
Compound identification and quantitation						
A. Reconstructed ion chromatograms		Х		Х		
B. Quantitation Reports		Х		Х		
C. RT of sample compounds within the established RT windows		Х		Х		
D. Transcription/calculation errors present		X		X		
E. Reporting limits adjusted to reflect sample dilutions		Х		Х		

Notes:

%RSD Relative standard deviation

%R Percent recovery

RPD Relative percent difference

%D Percent difference

VALIDATION PERFORMED BY: Dilip Kumar

SIGNATURE:

DATE: December 15, 2023

PEER REVIEW: Andrew Korycinski

DATE: December 15, 2023

NO CORRECTIONS/QUALIFERS ADDED TO SAMPLE ANALYSIS DATA SHEETS

CHAIN OF CUSTODY CORRECTED SAMPLE ANALYSIS DATA SHEETS

MICHIGAN

Chain of Custody Record



150 TestAmerica Laboratory location: Brighton — 10448 Citation Drive, Suite 200 / Brighton, MI 48116 / 810-229-2763 Client Contact Regulatory program: □ DW ☐ NPDES F RCRA C) Other ompany Name: Arcadis TestAmerica Laboratories, Inc. Client Project Manager: Kris Hinskey Site Contact: Christina Weaver Lab Contact: Mike DelMonico COC No: ddress: 28550 Cabot Drive, Suite 500 Telephone: 248-994-2240 Telephone: 248-994-2240 Telephone: 330-497-9396 'ity/State/Zip: Novi, MI, 48377 COCs 1 of 1 Analysis Turnaround Time Email: kristoffer.hinskey@arcadis.com For lab use only 'hone: 248-994-2240 TAT if different from below Sampler Name: Walk-in client roject Name: Ford LTP Off-Site 3 weeks 2 weeks Lab sampling 'roject Number: 30167538.402.04 ☐ 1 week SIN 82608 ☐ 2 days Grab 'O # 30167538.402.04 Shipping/Tracking No: ☐ I day Job/SDG No: Jinyl Chloride Matrix ers & Preservatives Sample Specific Notes / H2S04 NaOH Special Instructions: Sample Date Sample Time Sample Identification · TRIP BLANK G X X X X 1 Trip Blank 015-110923 3 VOAs for 8260B XX 0 0 3 VOAs for 8260B SIM Page Possible Hazard Identification Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Non-Hazard Flammable Skin Irritant ☐ Poison B Unknown Disposal By Lab ☐ Archive For ☐ pecial Instructions/QC Requirements & Comments: ubmit all results through Cadena at jtomalia@cadenaco.com. Cadena #E203631 evel IV Reporting requested. clinquished by: NOVI Cold Storage elinquished by: Received by: 13/23 0835 elinguished by Received in Laboratory Company: 11.14.23 1000 EETNC

Client Sample Results

Client: ARCADIS US Inc Job ID: 240-195400-1 Project/Site: Ford LTP - Off Site

Client Sample ID: TRIP BLANK_138

Lab Sample ID: 240-195400-1 Date Collected: 11/09/23 00:00 **Matrix: Water**

Date Received: 11/14/23 10:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			11/19/23 17:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/19/23 17:36	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 17:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/19/23 17:36	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 17:36	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/19/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		62 - 137					11/19/23 17:36	1
4-Bromofluorobenzene (Surr)	88		56 ₋ 136					11/19/23 17:36	1
Toluene-d8 (Surr)	107		78 - 122					11/19/23 17:36	1
Dibromofluoromethane (Surr)	96		73 - 120					11/19/23 17:36	1

Client Sample ID: MW-101S_110923

Date Collected: 11/09/23 11:30

Date Received: 11/14/23 10:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
1,4-Dioxane	2.0	U	2.0	0.86	ug/L			11/22/23 22:15	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	101		66 - 120			•		11/22/23 22:15	
1,2-Dichloroethane-d4 (Surr) - -								11/22/23 22:1	15
I: SW846 8260D - Vo									

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.49	ug/L			11/19/23 18:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.46	ug/L			11/19/23 18:01	1
Tetrachloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 18:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.51	ug/L			11/19/23 18:01	1
Trichloroethene	1.0	U	1.0	0.44	ug/L			11/19/23 18:01	1
Vinyl chloride	1.0	U	1.0	0.45	ug/L			11/19/23 18:01	1

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		62 - 137	_		11/19/23 18:01	1
4-Bromofluorobenzene (Surr)	88		56 - 136			11/19/23 18:01	1
Toluene-d8 (Surr)	107		78 - 122			11/19/23 18:01	1
Dibromofluoromethane (Surr)	94		73 - 120			11/19/23 18:01	1

Lab Sample ID: 240-195400-2

Matrix: Water