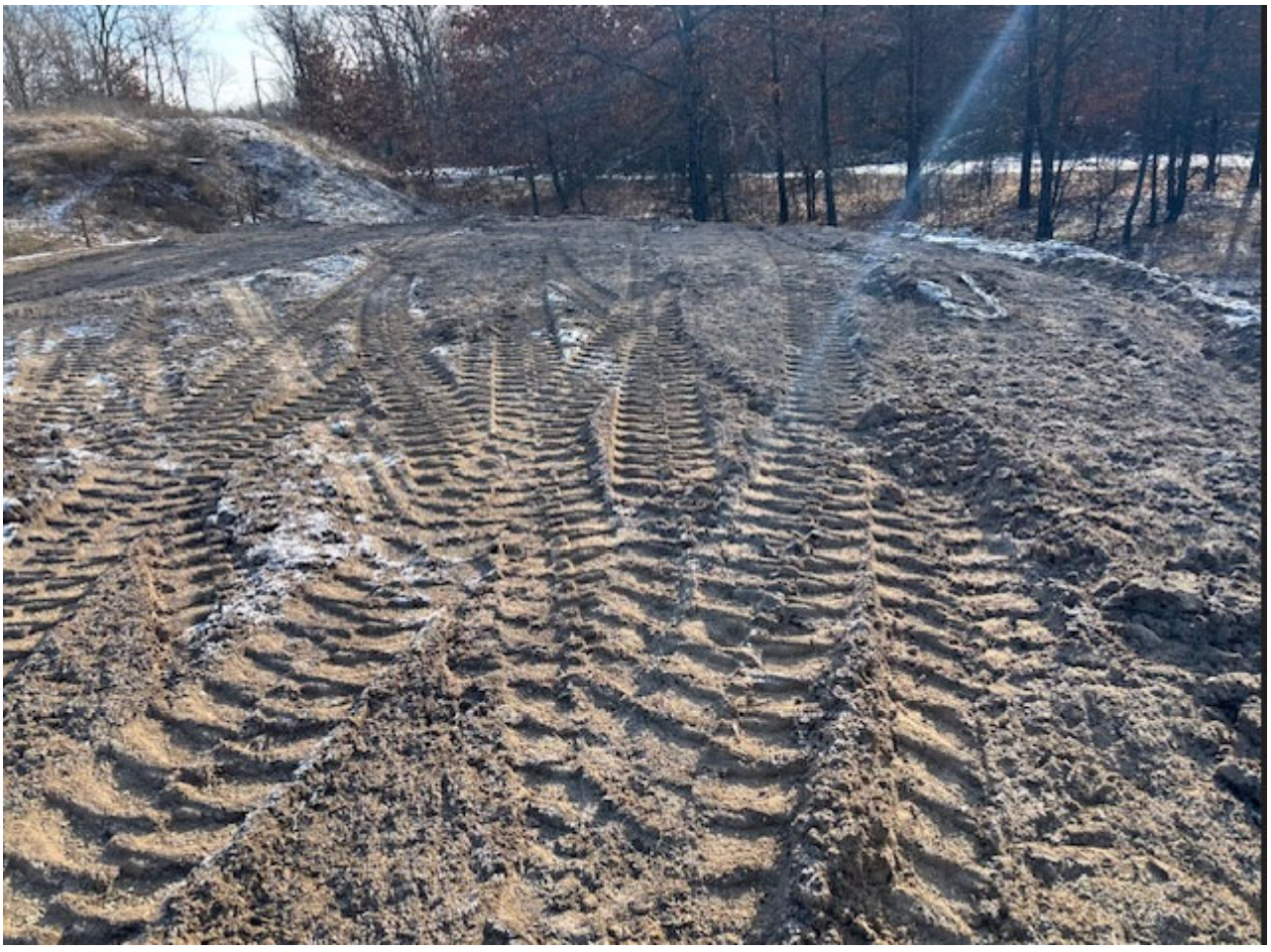
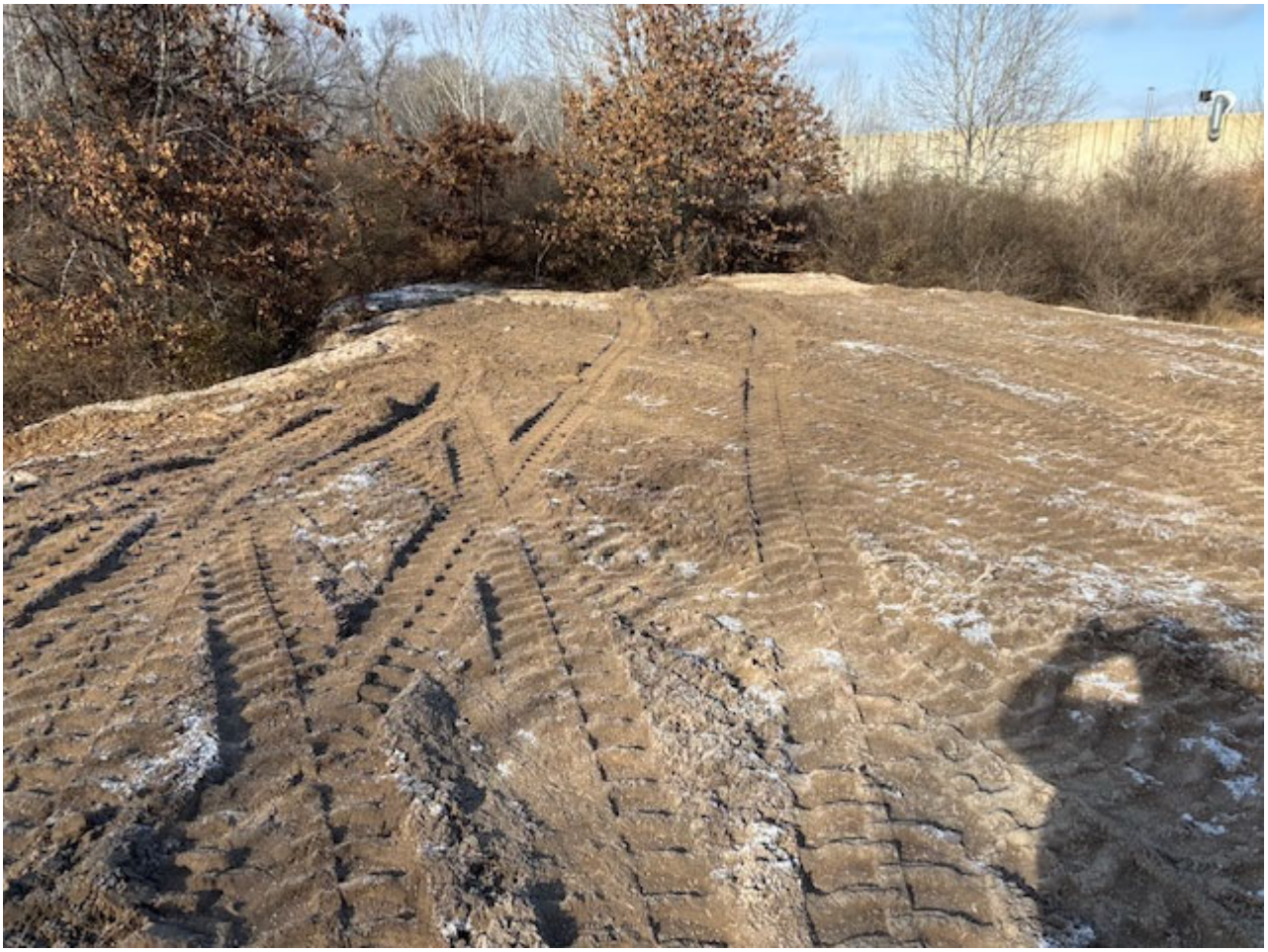
Sellwood, Alyssa A - DNR

From: Denice Nelson <denice.karen.nelson@jci.com>
Sent: Thursday, December 5, 2024 9:29 AM
To: Sellwood, Alyssa A - DNR
Subject: Re: Request to reuse soil on site: Drill cuttings

Alyssa - this email serves to document the soil management activities per condition 5 in WDNR's Approval to Manage Contaminated Soil under Wis. Admin. Code § NR 718.12 dated August 12, 2024.

- Approximately 360 CY of material generated as drill cuttings from installation for the new GETS extraction wells and deep private wells was reused within the Southern Beneficial Reuse Area following WDNR's approval on November 20 (below).
- The soil was spread on December 3, 2024.
- Pictures of the area following beneficial reuse of the soil is below.
- As this was the last planned spreading of the year, the area was also seeded an annual cover crop.





Denice Nelson
Senior Director, Remediation and Strategy
Johnson Controls

+1 651 280 7259 cell

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From: Sellwood, Alyssa A - DNR <alyssa.sellwood@wisconsin.gov>
Sent: Wednesday, November 20, 2024 11:52 AM
To: Denice Nelson <denice.karen.nelson@jci.com>
Subject: RE: Request to reuse soil on site: Drill cuttings

Denice - Thank you for providing the activity-specific soil management plan and characterization results for the drill cuttings from installation for the new GETS extraction wells and deep private wells.

JCI/Tyco may proceed with implementing the soil management plan summarized below. Please respond to this email within 30 days of completing the work, per condition 5 in the DNR's August 12, 2024 Approval to Manage Contaminated Soil under Wis. Admin. Code § NR 718.12 for BRRTS #02-38-580694 and #03-38-001345.

Alyssa Sellwood, PE (WI)
Phone: 608-622-8606
Alyssa.Sellwood@wisconsin.gov

Our core values include professionalism, integrity, and customer service.
Please visit our survey to provide feedback on your experience interacting with any DNR employee.

From: Denice Nelson <denice.karen.nelson@jci.com>
Sent: Monday, November 18, 2024 3:27 PM
To: Sellwood, Alyssa A - DNR <alyssa.sellwood@wisconsin.gov>
Subject: Request to reuse soil on site: Drill cuttings

Alyssa-

Per your August 12, 2024 Approval to Manage Contaminated Soil under Wis. Admin. Code § NR 718.12, Tyco plans to reuse soils on site at the Tyco Fire Technology Center (FTC), 2700 Industrial Parkway South, Marinette, WI 54143. Specifics about the soil as required by the above-referenced approval are included below:

Activity generating soil:	Soils were generated and stockpiled as part of the installation activities associated with the GETS expansion extraction wells (WC-Bin1) and deep private well replacements (WC-Bin2)
Quantity:	Approximately 360 Cubic Yards (CY)
Characterization results:	Two separate stockpiles were analyzed for volatile organic compounds (VOCs) and per- and polyfluoroalkyl substances (PFAS). All analytical results were below criteria established in the Onsite Soil Reuse Plan[1]. The two stockpiles were sampled as follows: • WC-Bin1-101724 (~60 CY, GETS extraction well installations): Two representative soil samples were collected (WC-Bin1A and WC-Bin1B) • WC-Bin2-102224 (~300CY, deep private well installations): Two representative soil samples were collected (WC-Bin2A and WC-Bin2B)
Proposed location where materials will be managed on-site:	Materials will be moved for beneficial reuse in the South Beneficial Soil Reuse Area.
Schedule:	Materials will be moved within approximately 2 weeks of approval by WDNR.

[1] VOCs were either not detected in the samples or were considered non-detect because the detections related to Methylene Chloride were below the laboratory reporting limit. Methylene Chloride is not a constituent of concern for this Site and is known to be a common laboratory contaminant.

A summary table and laboratory results are attached for your review.

Please confirm you approve of the beneficial reuse of these soils onsite or reach out with any questions.

Thanks-

Denice Nelson
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Johnson Controls
5757 North Green Bay Avenue
Glendale, WI 53209
USA

Parameters	Method	Unit	WC-Bin1A-101724 10/17/2024 500-259138-1	WC-Bin1B-101724 10/17/2024 500-259138-2	WC-Bin2A-102224 10/22/2024 500-259137-1	WC-Bin2B-102224 10/22/2024 500-259137-2
GC/MS VOA						
1,1,1,2-Tetrachloroethane	8260D	mg/Kg	<0.14	<0.13	<0.094	<0.17
1,1,1-Trichloroethane	8260D	mg/Kg	<0.092	<0.091	<0.064	<0.11
1,1,2,2-Tetrachloroethane	8260D	mg/Kg	<0.13	<0.13	<0.091	<0.16
1,1,2-Trichloroethane	8260D	mg/Kg	<0.15	<0.15	<0.10	<0.19
1,1-Dichloroethane	8260D	mg/Kg	<0.074	<0.073	<0.051	<0.092
1,1-Dichloroethene	8260D	mg/Kg	<0.098	<0.097	<0.068	<0.12
1,1-Dichloropropene	8260D	mg/Kg	<0.068	<0.067	<0.047	<0.085
1,2,3-Trichlorobenzene	8260D	mg/Kg	<0.072	<0.071	<0.050	<0.089
1,2,3-Trichloropropane	8260D	mg/Kg	<0.31	<0.30	<0.21	<0.38
1,2,4-Trichlorobenzene	8260D	mg/Kg	<0.063	<0.062	<0.044	<0.079
1,2,4-Trimethylbenzene	8260D	mg/Kg	<0.061	<0.061	<0.043	<0.076
1,2-Dibromo-3-Chloropropane	8260D	mg/Kg	<0.83	<0.82	<0.58	<1.0
1,2-Dibromoethane (EDB)	8260D	mg/Kg	<0.11	<0.11	<0.079	<0.14
1,2-Dichlorobenzene	8260D	mg/Kg	<0.097	<0.096	<0.068	<0.12
1,2-Dichloroethane	8260D	mg/Kg	<0.12	<0.12	<0.082	<0.15
1,2-Dichloropropane	8260D	mg/Kg	<0.076	<0.075	<0.053	<0.095
1,3,5-Trimethylbenzene	8260D	mg/Kg	<0.059	<0.058	<0.041	<0.073
1,3-Dichlorobenzene	8260D	mg/Kg	<0.083	<0.082	<0.057	<0.10
1,3-Dichloropropane	8260D	mg/Kg	<0.11	<0.11	<0.079	<0.14
1,4-Dichlorobenzene	8260D	mg/Kg	<0.093	<0.092	<0.064	<0.12
2,2-Dichloropropane	8260D	mg/Kg	<0.099	<0.098	<0.068	<0.12
2-Chlorotoluene	8260D	mg/Kg	<0.073	<0.072	<0.051	<0.091
4-Chlorotoluene	8260D	mg/Kg	<0.070	<0.069	<0.049	<0.087
Benzene	8260D	mg/Kg	<0.025	<0.025	<0.017	<0.031
Bromobenzene	8260D	mg/Kg	<0.12	<0.12	<0.084	<0.15
Bromochloromethane	8260D	mg/Kg	<0.10	<0.10	<0.071	<0.13
Bromodichloromethane	8260D	mg/Kg	<0.12	<0.11	<0.081	<0.14
Bromoform	8260D	mg/Kg	<0.20	<0.19	<0.14	<0.24
Bromomethane	8260D	mg/Kg	<0.37	<0.36	<0.25	<0.46
Carbon tetrachloride	8260D	mg/Kg	<0.085	<0.084	<0.059	<0.11
Chlorobenzene	8260D	mg/Kg	<0.084	<0.083	<0.058	<0.10
Chlorodibromomethane	8260D	mg/Kg	<0.17	<0.17	<0.12	<0.21
Chloroethane	8260D	mg/Kg	<0.096	<0.095	<0.067	<0.12
Chloroform	8260D	mg/Kg	<0.19	<0.19	<0.13	<0.23
Chloromethane	8260D	mg/Kg	<0.16	<0.16	<0.11	<0.20
cis-1,2-Dichloroethene	8260D	mg/Kg	<0.085	<0.084	<0.059	<0.11
cis-1,3-Dichloropropene	8260D	mg/Kg	<0.11	<0.10	<0.073	<0.13
Dibromomethane	8260D	mg/Kg	<0.12	<0.12	<0.082	<0.15
Dichlorodifluoromethane	8260D	mg/Kg	<0.36	<0.36	<0.25	<0.45
Ethylbenzene	8260D	mg/Kg	<0.035	<0.035	<0.024	<0.044
Hexachlorobutadiene	8260D	mg/Kg	<0.11	<0.11	<0.076	<0.14
Isopropyl ether	8260D	mg/Kg	<0.078	<0.078	<0.054	<0.098
Isopropylbenzene	8260D	mg/Kg	<0.059	<0.059	<0.041	<0.074
Methyl tert-butyl ether	8260D	mg/Kg	<0.088	<0.087	<0.061	<0.11
Methylene Chloride	8260D	mg/Kg	0.64 J B	0.62 J B	0.35 J B	0.62 J B
Naphthalene	8260D	mg/Kg	<0.090	<0.089	<0.063	<0.11
n-Butylbenzene	8260D	mg/Kg	<0.067	<0.066	<0.046	<0.083
N-Propylbenzene	8260D	mg/Kg	<0.065	<0.065	<0.045	<0.081
p-Isopropyltoluene	8260D	mg/Kg	<0.060	<0.059	<0.041	<0.074
sec-Butylbenzene	8260D	mg/Kg	<0.055	<0.055	<0.038	<0.069
Styrene	8260D	mg/Kg	<0.063	<0.062	<0.043	<0.078
tert-Butylbenzene	8260D	mg/Kg	<0.054	<0.053	<0.037	<0.067
Tetrachloroethene	8260D	mg/Kg	<0.079	<0.079	<0.055	<0.099
Toluene	8260D	mg/Kg	<0.043	<0.043	<0.030	<0.054
trans-1,2-Dichloroethene	8260D	mg/Kg	<0.090	<0.089	<0.062	<0.11
trans-1,3-Dichloropropene	8260D	mg/Kg	<0.13	<0.13	<0.089	<0.16
Trichloroethene	8260D	mg/Kg	<0.030	<0.030	<0.021	<0.038
Trichlorofluoromethane	8260D	mg/Kg	<0.090	<0.089	<0.063	<0.11
Vinyl chloride	8260D	mg/Kg	<0.096	<0.095	<0.066	<0.12
Xylenes, Total	8260D	mg/Kg	<0.048	<0.047	<0.033	<0.060
LCMS						
Perfluorooctanesulfonic acid (PFOS)	1633	ug/Kg	0.18 J	0.20	0.052 J	0.10 J
Perfluorooctanoic acid (PFOA)	1633	ug/Kg	2.8	3.2	<0.060	0.066 J

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kirk Kapfhammer
Endpoint Solutions Corp
6871 S. Lover's Lane
Franklin, Wisconsin 53132

Generated 11/11/2024 2:15:57 PM

JOB DESCRIPTION

FTC - 415-006-004-002

JOB NUMBER

500-259137-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

myEOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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 Chicago Project Manager.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization

Generated
11/11/2024 2:15:57 PM

Authorized for release by
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Job ID: 500-259137-1 — Eurofins Chicago

Job Narrative
500-259137-1

Receipt
The samples were received on 10/26/2024 10:15 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 was 1.9º C.

Receipt Exceptions
Sample #2-COC is not checked off for PFOA/PFOS however received container. Logged method.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-793018 was outside the method criteria for the following analyte(s): 1,2-Dibromo-3-Chloropropane, Isopropyl ether, Naphthalene and Tetrachloroethene. 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: Methylene Chloride was detected in the following items: WC-Bin2A-102224 (500-259137-1), WC-Bin2B-102224 (500-259137-2) and (MB 500-793018/7). Methylene Chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

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

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

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

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

Detection Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2A-102224 — Lab Sample ID: 500-259137-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.35	J B	0.71	0.30	mg/Kg	50	☼	8260D	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.052	J	0.19	0.048	ug/Kg	1	☼	1633	Total/NA

Client Sample ID: WC-Bin2B-102224 — Lab Sample ID: 500-259137-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.62	J B	1.3	0.55	mg/Kg	50	☼	8260D	Total/NA
Perfluorooctanoic acid (PFOA)	0.066	J	0.20	0.063	ug/Kg	1	☼	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.10	J	0.20	0.051	ug/Kg	1	☼	1633	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET SAC
Moisture	Percent Moisture	EPA	EET CHI
1633 Shake	Shake Extraction with SPE	EPA	EET SAC
5035	Closed System Purge and Trap	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-259137-1	WC-Bin2A-102224	Solid	10/22/24 10:50	10/26/24 10:15
500-259137-2	WC-Bin2B-102224	Solid	10/22/24 10:50	10/26/24 10:15

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2A-102224
Date Collected: 10/22/24 10:50
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259137-1
Matrix: Solid
Percent Solids: 67.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.017		0.035	0.017	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Bromobenzene	<0.084		0.14	0.084	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Bromochloromethane	<0.071		0.14	0.071	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Bromodichloromethane	<0.081		0.14	0.081	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Bromoform	<0.14		0.14	0.14	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Bromomethane	<0.25		0.42	0.25	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Carbon tetrachloride	<0.059		0.14	0.059	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Chlorobenzene	<0.058		0.14	0.058	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Chloroethane	<0.067		0.71	0.067	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Chloroform	<0.13		0.28	0.13	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Chloromethane	<0.11		0.71	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
2-Chlorotoluene	<0.051		0.14	0.051	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
4-Chlorotoluene	<0.049		0.14	0.049	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
cis-1,2-Dichloroethene	<0.059		0.14	0.059	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
cis-1,3-Dichloropropene	<0.073		0.14	0.073	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Chlorodibromomethane	<0.12		0.14	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2-Dibromo-3-Chloropropane	<0.58		0.71	0.58	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2-Dibromoethane (EDB)	<0.079		0.14	0.079	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Dibromomethane	<0.082		0.14	0.082	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2-Dichlorobenzene	<0.068		0.14	0.068	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,3-Dichlorobenzene	<0.057		0.14	0.057	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,4-Dichlorobenzene	<0.064		0.14	0.064	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Dichlorodifluoromethane	<0.25		0.42	0.25	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1-Dichloroethane	<0.051		0.14	0.051	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2-Dichloroethane	<0.082		0.14	0.082	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1-Dichloroethene	<0.068		0.14	0.068	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2-Dichloropropane	<0.053		0.14	0.053	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,3-Dichloropropane	<0.079		0.14	0.079	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
2,2-Dichloropropane	<0.068		0.71	0.068	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1-Dichloropropene	<0.047		0.14	0.047	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Ethylbenzene	<0.024		0.035	0.024	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Hexachlorobutadiene	<0.076		0.14	0.076	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Isopropylbenzene	<0.041		0.14	0.041	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Isopropyl ether	<0.054		0.14	0.054	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Methylene Chloride	**0.35**	**J B**	0.71	0.30	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Methyl tert-butyl ether	<0.061		0.14	0.061	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Naphthalene	<0.063		0.14	0.063	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
n-Butylbenzene	<0.046		0.14	0.046	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
N-Propylbenzene	<0.045		0.14	0.045	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
p-Isopropyltoluene	<0.041		0.14	0.041	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
sec-Butylbenzene	<0.038		0.14	0.038	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Styrene	<0.043		0.14	0.043	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
tert-Butylbenzene	<0.037		0.14	0.037	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1,1,2-Tetrachloroethane	<0.094		0.14	0.094	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1,2,2-Tetrachloroethane	<0.091		0.14	0.091	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Tetrachloroethene	<0.055		0.14	0.055	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Toluene	<0.030		0.035	0.030	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
trans-1,2-Dichloroethene	<0.062		0.14	0.062	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
trans-1,3-Dichloropropene	<0.089		0.14	0.089	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2A-102224
Date Collected: 10/22/24 10:50
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259137-1
Matrix: Solid
Percent Solids: 67.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.050		0.14	0.050	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2,4-Trichlorobenzene	<0.044		0.14	0.044	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1,1-Trichloroethane	<0.064		0.14	0.064	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,1,2-Trichloroethane	<0.10		0.14	0.10	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Trichloroethene	<0.021		0.071	0.021	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Trichlorofluoromethane	<0.063		0.14	0.063	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2,3-Trichloropropane	<0.21		0.28	0.21	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,2,4-Trimethylbenzene	<0.043		0.14	0.043	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
1,3,5-Trimethylbenzene	<0.041		0.14	0.041	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Vinyl chloride	<0.066		0.14	0.066	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50
Xylenes, Total	<0.033		0.071	0.033	mg/Kg	☼	10/22/24 10:50	10/30/24 14:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*72 - 124*	*10/22/24 10:50*	*10/30/24 14:21*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*10/22/24 10:50*	*10/30/24 14:21*	*50*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*	*10/22/24 10:50*	*10/30/24 14:21*	*50*
Toluene-d8 (Surr)	*105*		*75 - 120*	*10/22/24 10:50*	*10/30/24 14:21*	*50*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	<0.060		0.19	0.060	ug/Kg	☼	11/02/24 07:22	11/05/24 05:27	1
Perfluorooctanesulfonic acid (PFOS)	**0.052**	**J**	0.19	0.048	ug/Kg	☼	11/02/24 07:22	11/05/24 05:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 PFOA	*84.0*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:27*	*1*
13C8 PFOS	*81.8*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:27*	*1*

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2B-102224
Date Collected: 10/22/24 10:50
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259137-2
Matrix: Solid
Percent Solids: 72.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.031		0.064	0.031	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Bromobenzene	<0.15		0.25	0.15	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Bromochloromethane	<0.13		0.25	0.13	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Bromodichloromethane	<0.14		0.25	0.14	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Bromoform	<0.24		0.25	0.24	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Bromomethane	<0.46		0.76	0.46	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Carbon tetrachloride	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Chlorobenzene	<0.10		0.25	0.10	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Chloroethane	<0.12		1.3	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Chloroform	<0.23		0.51	0.23	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Chloromethane	<0.20		1.3	0.20	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
2-Chlorotoluene	<0.091		0.25	0.091	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
4-Chlorotoluene	<0.087		0.25	0.087	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
cis-1,2-Dichloroethene	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
cis-1,3-Dichloropropene	<0.13		0.25	0.13	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Chlorodibromomethane	<0.21		0.25	0.21	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2-Dibromo-3-Chloropropane	<1.0		1.3	1.0	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2-Dibromoethane (EDB)	<0.14		0.25	0.14	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Dibromomethane	<0.15		0.25	0.15	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2-Dichlorobenzene	<0.12		0.25	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,3-Dichlorobenzene	<0.10		0.25	0.10	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,4-Dichlorobenzene	<0.12		0.25	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Dichlorodifluoromethane	<0.45		0.76	0.45	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1-Dichloroethane	<0.092		0.25	0.092	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2-Dichloroethane	<0.15		0.25	0.15	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1-Dichloroethene	<0.12		0.25	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2-Dichloropropane	<0.095		0.25	0.095	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,3-Dichloropropane	<0.14		0.25	0.14	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
2,2-Dichloropropane	<0.12		1.3	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1-Dichloropropene	<0.085		0.25	0.085	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Ethylbenzene	<0.044		0.064	0.044	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Hexachlorobutadiene	<0.14		0.25	0.14	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Isopropylbenzene	<0.074		0.25	0.074	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Isopropyl ether	<0.098		0.25	0.098	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Methylene Chloride	**0.62**	**J B**	1.3	0.55	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Methyl tert-butyl ether	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Naphthalene	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
n-Butylbenzene	<0.083		0.25	0.083	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
N-Propylbenzene	<0.081		0.25	0.081	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
p-Isopropyltoluene	<0.074		0.25	0.074	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
sec-Butylbenzene	<0.069		0.25	0.069	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Styrene	<0.078		0.25	0.078	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
tert-Butylbenzene	<0.067		0.25	0.067	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1,1,2-Tetrachloroethane	<0.17		0.25	0.17	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1,2,2-Tetrachloroethane	<0.16		0.25	0.16	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Tetrachloroethene	<0.099		0.25	0.099	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Toluene	<0.054		0.064	0.054	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
trans-1,2-Dichloroethene	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
trans-1,3-Dichloropropene	<0.16		0.25	0.16	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2B-102224
Date Collected: 10/22/24 10:50
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259137-2
Matrix: Solid
Percent Solids: 72.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.089		0.25	0.089	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2,4-Trichlorobenzene	<0.079		0.25	0.079	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1,1-Trichloroethane	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,1,2-Trichloroethane	<0.19		0.25	0.19	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Trichloroethene	<0.038		0.13	0.038	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Trichlorofluoromethane	<0.11		0.25	0.11	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2,3-Trichloropropane	<0.38		0.51	0.38	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,2,4-Trimethylbenzene	<0.076		0.25	0.076	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
1,3,5-Trimethylbenzene	<0.073		0.25	0.073	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Vinyl chloride	<0.12		0.25	0.12	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50
Xylenes, Total	<0.060		0.13	0.060	mg/Kg	☼	10/22/24 10:50	10/30/24 14:46	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*72 - 124*	*10/22/24 10:50*	*10/30/24 14:46*	*50*
Dibromofluoromethane (Surr)	*96*		*75 - 120*	*10/22/24 10:50*	*10/30/24 14:46*	*50*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*	*10/22/24 10:50*	*10/30/24 14:46*	*50*
Toluene-d8 (Surr)	*105*		*75 - 120*	*10/22/24 10:50*	*10/30/24 14:46*	*50*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**0.066**	**J**	0.20	0.063	ug/Kg	☼	11/02/24 07:22	11/05/24 05:41	1
Perfluorooctanesulfonic acid (PFOS)	**0.10**	**J**	0.20	0.051	ug/Kg	☼	11/02/24 07:22	11/05/24 05:41	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 PFOA	*82.7*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:41*	*1*
13C8 PFOS	*87.9*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:41*	*1*

Definitions/Glossary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical 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

GC/MS VOA

Prep Batch: 792527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259137-1	WC-Bin2A-102224	Total/NA	Solid	5035	
500-259137-2	WC-Bin2B-102224	Total/NA	Solid	5035	
LB3 500-792527/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-792527/22-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 793018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259137-1	WC-Bin2A-102224	Total/NA	Solid	8260D	792527
500-259137-2	WC-Bin2B-102224	Total/NA	Solid	8260D	792527
MB 500-793018/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-793018/4	Lab Control Sample	Total/NA	Solid	8260D	

Analysis Batch: 793536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-792527/21-A	Method Blank	Total/NA	Solid	8260D	792527
MB 500-793536/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-792527/22-A	Lab Control Sample	Total/NA	Solid	8260D	792527
LCS 500-793536/3	Lab Control Sample	Total/NA	Solid	8260D	

LCMS

Prep Batch: 811771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259137-1	WC-Bin2A-102224	Total/NA	Solid	1633 Shake	
500-259137-2	WC-Bin2B-102224	Total/NA	Solid	1633 Shake	
MB 320-811771/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 320-811771/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LCSD 320-811771/4-A	Lab Control Sample Dup	Total/NA	Solid	1633 Shake	
LLCS 320-811771/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 812215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259137-1	WC-Bin2A-102224	Total/NA	Solid	1633	811771
500-259137-2	WC-Bin2B-102224	Total/NA	Solid	1633	811771
MB 320-811771/1-A	Method Blank	Total/NA	Solid	1633	811771
LCS 320-811771/3-A	Lab Control Sample	Total/NA	Solid	1633	811771
LCSD 320-811771/4-A	Lab Control Sample Dup	Total/NA	Solid	1633	811771
LLCS 320-811771/2-A	Lab Control Sample	Total/NA	Solid	1633	811771

General Chemistry

Analysis Batch: 793105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259137-1	WC-Bin2A-102224	Total/NA	Solid	Moisture	
500-259137-2	WC-Bin2B-102224	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-259137-1	WC-Bin2A-102224	84	96	103	105
500-259137-2	WC-Bin2B-102224	86	96	101	105
LB3 500-792527/21-A	Method Blank	103	92	108	110
LCS 500-792527/22-A	Lab Control Sample	94	100	112	107
LCS 500-793018/4	Lab Control Sample	78	102	108	103
LCS 500-793536/3	Lab Control Sample	99	99	109	109
MB 500-793018/7	Method Blank	88	97	98	107
MB 500-793536/7	Method Blank	105	94	110	110

Surrogate Legend

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

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

Lab Sample ID: LB3 500-792527/21-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 792527

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0061		0.013	0.0061	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromobenzene	<0.030		0.050	0.030	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromochloromethane	<0.025		0.050	0.025	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromodichloromethane	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromoform	<0.048		0.050	0.048	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromomethane	<0.090		0.15	0.090	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Carbon tetrachloride	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chlorobenzene	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloroethane	<0.024		0.25	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloroform	<0.046		0.10	0.046	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloromethane	<0.039		0.25	0.039	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
2-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
4-Chlorotoluene	<0.017		0.050	0.017	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
cis-1,2-Dichloroethene	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
cis-1,3-Dichloropropene	<0.026		0.050	0.026	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chlorodibromomethane	<0.041		0.050	0.041	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dibromo-3-Chloropropane	<0.20		0.25	0.20	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Dibromomethane	<0.029		0.050	0.029	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichlorobenzene	<0.024		0.050	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,4-Dichlorobenzene	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Dichlorodifluoromethane	<0.088		0.15	0.088	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloroethane	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichloroethane	<0.029		0.050	0.029	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloroethene	<0.024		0.050	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichloropropane	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3-Dichloropropane	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
2,2-Dichloropropane	<0.024		0.25	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloropropene	<0.017		0.050	0.017	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Ethylbenzene	<0.0086		0.013	0.0086	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Hexachlorobutadiene	<0.027		0.050	0.027	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Isopropylbenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Isopropyl ether	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Methylene Chloride	<0.11		0.25	0.11	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Methyl tert-butyl ether	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Naphthalene	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
n-Butylbenzene	<0.016		0.050	0.016	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
N-Propylbenzene	<0.016		0.050	0.016	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
p-Isopropyltoluene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
sec-Butylbenzene	<0.014		0.050	0.014	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Styrene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
tert-Butylbenzene	<0.013		0.050	0.013	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,1,2-Tetrachloroethane	<0.033		0.050	0.033	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,2,2-Tetrachloroethane	<0.032		0.050	0.032	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Toluene	<0.011		0.013	0.011	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
trans-1,2-Dichloroethene	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50

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

Lab Sample ID: LB3 500-792527/21-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 792527

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.032		0.050	0.032	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,3-Trichlorobenzene	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,4-Trichlorobenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,1-Trichloroethane	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,2-Trichloroethane	<0.037		0.050	0.037	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Trichloroethene	<0.0074		0.025	0.0074	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Trichlorofluoromethane	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,3-Trichloropropane	<0.075		0.10	0.075	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,4-Trimethylbenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3,5-Trimethylbenzene	<0.014		0.050	0.014	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Vinyl chloride	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Xylenes, Total	<0.012		0.025	0.012	mg/Kg		10/28/24 02:00	11/01/24 17:01	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*10/28/24 02:00*	*11/01/24 17:01*	*50*

Lab Sample ID: LCS 500-792527/22-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 792527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.50	2.21		mg/Kg		88	70 - 120
Bromobenzene	2.50	2.28		mg/Kg		91	70 - 122
Bromochloromethane	2.50	2.21		mg/Kg		88	65 - 122
Bromodichloromethane	2.50	2.31		mg/Kg		92	69 - 120
Bromoform	2.50	1.77		mg/Kg		71	56 - 132
Bromomethane	2.50	1.78		mg/Kg		71	40 - 152
Carbon tetrachloride	2.50	2.49		mg/Kg		100	59 - 133
Chlorobenzene	2.50	2.41		mg/Kg		96	70 - 120
Chloroethane	2.50	2.89		mg/Kg		116	48 - 136
Chloroform	2.50	2.14		mg/Kg		86	70 - 120
Chloromethane	2.50	1.78		mg/Kg		71	56 - 152
2-Chlorotoluene	2.50	2.30		mg/Kg		92	70 - 125
4-Chlorotoluene	2.50	2.33		mg/Kg		93	68 - 124
cis-1,2-Dichloroethene	2.50	2.25		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	2.50	2.27		mg/Kg		91	64 - 127
Chlorodibromomethane	2.50	2.01		mg/Kg		81	68 - 125
1,2-Dibromo-3-Chloropropane	2.50	1.50		mg/Kg		60	56 - 123
1,2-Dibromoethane (EDB)	2.50	2.05		mg/Kg		82	70 - 125
Dibromomethane	2.50	2.18		mg/Kg		87	70 - 120
1,2-Dichlorobenzene	2.50	2.32		mg/Kg		93	70 - 125
1,3-Dichlorobenzene	2.50	2.29		mg/Kg		91	70 - 125
1,4-Dichlorobenzene	2.50	2.25		mg/Kg		90	70 - 120
Dichlorodifluoromethane	2.50	1.49		mg/Kg		60	40 - 159
1,1-Dichloroethane	2.50	2.30		mg/Kg		92	70 - 125

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

Lab Sample ID: LCS 500-792527/22-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 792527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	2.50	2.62		mg/Kg		105	68 - 127
1,1-Dichloroethene	2.50	2.33		mg/Kg		93	67 - 122
1,2-Dichloropropane	2.50	2.28		mg/Kg		91	67 - 130
1,3-Dichloropropane	2.50	2.27		mg/Kg		91	62 - 136
2,2-Dichloropropane	2.50	2.51		mg/Kg		100	58 - 139
1,1-Dichloropropene	2.50	2.40		mg/Kg		96	70 - 121
Ethylbenzene	2.50	2.35		mg/Kg		94	70 - 123
Hexachlorobutadiene	2.50	2.60		mg/Kg		104	51 - 150
Isopropylbenzene	2.50	2.21		mg/Kg		89	70 - 126
Methylene Chloride	2.50	2.22		mg/Kg		89	69 - 125
Methyl tert-butyl ether	2.50	2.17		mg/Kg		87	55 - 123
Naphthalene	2.50	1.57		mg/Kg		63	53 - 144
n-Butylbenzene	2.50	2.36		mg/Kg		95	68 - 125
N-Propylbenzene	2.50	2.33		mg/Kg		93	69 - 127
p-Isopropyltoluene	2.50	2.40		mg/Kg		96	70 - 125
sec-Butylbenzene	2.50	2.42		mg/Kg		97	70 - 123
Styrene	2.50	2.31		mg/Kg		92	70 - 120
tert-Butylbenzene	2.50	2.41		mg/Kg		97	70 - 121
1,1,1,2-Tetrachloroethane	2.50	2.27		mg/Kg		91	70 - 125
1,1,2,2-Tetrachloroethane	2.50	1.81		mg/Kg		72	62 - 140
Tetrachloroethene	2.50	2.57		mg/Kg		103	70 - 128
Toluene	2.50	2.34		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	2.50	2.29		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	2.50	2.12		mg/Kg		85	62 - 128
1,2,3-Trichlorobenzene	2.50	2.19		mg/Kg		88	51 - 145
1,2,4-Trichlorobenzene	2.50	2.13		mg/Kg		85	57 - 137
1,1,1-Trichloroethane	2.50	2.56		mg/Kg		102	70 - 125
1,1,2-Trichloroethane	2.50	2.09		mg/Kg		84	71 - 130
Trichloroethene	2.50	2.37		mg/Kg		95	70 - 125
Trichlorofluoromethane	2.50	2.34		mg/Kg		94	55 - 128
1,2,3-Trichloropropane	2.50	1.94		mg/Kg		78	50 - 133
1,2,4-Trimethylbenzene	2.50	2.34		mg/Kg		94	70 - 123
1,3,5-Trimethylbenzene	2.50	2.40		mg/Kg		96	70 - 123
Vinyl chloride	2.50	1.85		mg/Kg		74	64 - 126
Xylenes, Total	5.00	4.53		mg/Kg		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*
Toluene-d8 (Surr)	*107*		*75 - 120*

Lab Sample ID: MB 500-793018/7
Matrix: Solid
Analysis Batch: 793018

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00012		0.00025	0.00012	mg/Kg			10/30/24 11:02	1

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

Lab Sample ID: MB 500-793018/7
Matrix: Solid
Analysis Batch: 793018

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.00060		0.0010	0.00060	mg/Kg			10/30/24 11:02	1
Bromochloromethane	<0.00050		0.0010	0.00050	mg/Kg			10/30/24 11:02	1
Bromodichloromethane	<0.00057		0.0010	0.00057	mg/Kg			10/30/24 11:02	1
Bromoform	<0.00096		0.0010	0.00096	mg/Kg			10/30/24 11:02	1
Bromomethane	<0.0018		0.0030	0.0018	mg/Kg			10/30/24 11:02	1
Carbon tetrachloride	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 11:02	1
Chlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 11:02	1
Chloroethane	<0.00047		0.0050	0.00047	mg/Kg			10/30/24 11:02	1
Chloroform	<0.00092		0.0020	0.00092	mg/Kg			10/30/24 11:02	1
Chloromethane	<0.00079		0.0050	0.00079	mg/Kg			10/30/24 11:02	1
2-Chlorotoluene	<0.00036		0.0010	0.00036	mg/Kg			10/30/24 11:02	1
4-Chlorotoluene	<0.00034		0.0010	0.00034	mg/Kg			10/30/24 11:02	1
cis-1,2-Dichloroethene	<0.00042		0.0010	0.00042	mg/Kg			10/30/24 11:02	1
cis-1,3-Dichloropropene	<0.00052		0.0010	0.00052	mg/Kg			10/30/24 11:02	1
Chlorodibromomethane	<0.00083		0.0010	0.00083	mg/Kg			10/30/24 11:02	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0050	0.0041	mg/Kg			10/30/24 11:02	1
1,2-Dibromoethane (EDB)	<0.00056		0.0010	0.00056	mg/Kg			10/30/24 11:02	1
Dibromomethane	<0.00058		0.0010	0.00058	mg/Kg			10/30/24 11:02	1
1,2-Dichlorobenzene	<0.00048		0.0010	0.00048	mg/Kg			10/30/24 11:02	1
1,3-Dichlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 11:02	1
1,4-Dichlorobenzene	<0.00045		0.0010	0.00045	mg/Kg			10/30/24 11:02	1
Dichlorodifluoromethane	<0.0018		0.0030	0.0018	mg/Kg			10/30/24 11:02	1
1,1-Dichloroethane	<0.00036		0.0010	0.00036	mg/Kg			10/30/24 11:02	1
1,2-Dichloroethane	<0.00058		0.0010	0.00058	mg/Kg			10/30/24 11:02	1
1,1-Dichloroethene	<0.00048		0.0010	0.00048	mg/Kg			10/30/24 11:02	1
1,2-Dichloropropane	<0.00037		0.0010	0.00037	mg/Kg			10/30/24 11:02	1
1,3-Dichloropropane	<0.00056		0.0010	0.00056	mg/Kg			10/30/24 11:02	1
2,2-Dichloropropane	<0.00048		0.0050	0.00048	mg/Kg			10/30/24 11:02	1
1,1-Dichloropropene	<0.00033		0.0010	0.00033	mg/Kg			10/30/24 11:02	1
Ethylbenzene	<0.00017		0.00025	0.00017	mg/Kg			10/30/24 11:02	1
Hexachlorobutadiene	<0.00054		0.0010	0.00054	mg/Kg			10/30/24 11:02	1
Isopropylbenzene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 11:02	1
Isopropyl ether	<0.00038		0.0010	0.00038	mg/Kg			10/30/24 11:02	1
Methylene Chloride	0.00282	J	0.0050	0.0021	mg/Kg			10/30/24 11:02	1
Methyl tert-butyl ether	<0.00043		0.0010	0.00043	mg/Kg			10/30/24 11:02	1
Naphthalene	<0.00044		0.0010	0.00044	mg/Kg			10/30/24 11:02	1
n-Butylbenzene	<0.00033		0.0010	0.00033	mg/Kg			10/30/24 11:02	1
N-Propylbenzene	<0.00032		0.0010	0.00032	mg/Kg			10/30/24 11:02	1
p-Isopropyltoluene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 11:02	1
sec-Butylbenzene	<0.00027		0.0010	0.00027	mg/Kg			10/30/24 11:02	1
Styrene	<0.00031		0.0010	0.00031	mg/Kg			10/30/24 11:02	1
tert-Butylbenzene	<0.00026		0.0010	0.00026	mg/Kg			10/30/24 11:02	1
1,1,1,2-Tetrachloroethane	<0.00067		0.0010	0.00067	mg/Kg			10/30/24 11:02	1
1,1,2,2-Tetrachloroethane	<0.00065		0.0010	0.00065	mg/Kg			10/30/24 11:02	1
Tetrachloroethene	<0.00039		0.0010	0.00039	mg/Kg			10/30/24 11:02	1
Toluene	<0.00021		0.00025	0.00021	mg/Kg			10/30/24 11:02	1
trans-1,2-Dichloroethene	<0.00044		0.0010	0.00044	mg/Kg			10/30/24 11:02	1
trans-1,3-Dichloropropene	<0.00063		0.0010	0.00063	mg/Kg			10/30/24 11:02	1
1,2,3-Trichlorobenzene	<0.00035		0.0010	0.00035	mg/Kg			10/30/24 11:02	1

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

Lab Sample ID: MB 500-793018/7
Matrix: Solid
Analysis Batch: 793018

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.00031		0.0010	0.00031	mg/Kg			10/30/24 11:02	1
1,1,1-Trichloroethane	<0.00045		0.0010	0.00045	mg/Kg			10/30/24 11:02	1
1,1,2-Trichloroethane	<0.00073		0.0010	0.00073	mg/Kg			10/30/24 11:02	1
Trichloroethene	<0.00015		0.00050	0.00015	mg/Kg			10/30/24 11:02	1
Trichlorofluoromethane	<0.00044		0.0010	0.00044	mg/Kg			10/30/24 11:02	1
1,2,3-Trichloropropane	<0.0015		0.0020	0.0015	mg/Kg			10/30/24 11:02	1
1,2,4-Trimethylbenzene	<0.00030		0.0010	0.00030	mg/Kg			10/30/24 11:02	1
1,3,5-Trimethylbenzene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 11:02	1
Vinyl chloride	<0.00047		0.0010	0.00047	mg/Kg			10/30/24 11:02	1
Xylenes, Total	<0.00024		0.00050	0.00024	mg/Kg			10/30/24 11:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*72 - 124*		*10/30/24 11:02*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/30/24 11:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/30/24 11:02*	*1*
Toluene-d8 (Surr)	*107*		*75 - 120*		*10/30/24 11:02*	*1*

Lab Sample ID: LCS 500-793018/4
Matrix: Solid
Analysis Batch: 793018

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0407		mg/Kg		81	70 - 120
Bromobenzene	0.0500	0.0440		mg/Kg		88	70 - 122
Bromochloromethane	0.0500	0.0481		mg/Kg		96	65 - 122
Bromodichloromethane	0.0500	0.0434		mg/Kg		87	69 - 120
Bromoform	0.0500	0.0412		mg/Kg		82	56 - 132
Bromomethane	0.0500	0.0568		mg/Kg		114	40 - 152
Carbon tetrachloride	0.0500	0.0502		mg/Kg		100	59 - 133
Chlorobenzene	0.0500	0.0469		mg/Kg		94	70 - 120
Chloroethane	0.0500	0.0463		mg/Kg		93	48 - 136
Chloroform	0.0500	0.0387		mg/Kg		77	70 - 120
Chloromethane	0.0500	0.0435		mg/Kg		87	56 - 152
2-Chlorotoluene	0.0500	0.0387		mg/Kg		77	70 - 125
4-Chlorotoluene	0.0500	0.0410		mg/Kg		82	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0431		mg/Kg		86	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0426		mg/Kg		85	64 - 127
Chlorodibromomethane	0.0500	0.0449		mg/Kg		90	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0342		mg/Kg		68	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0446		mg/Kg		89	70 - 125
Dibromomethane	0.0500	0.0463		mg/Kg		93	70 - 120
1,2-Dichlorobenzene	0.0500	0.0464		mg/Kg		93	70 - 125
1,3-Dichlorobenzene	0.0500	0.0446		mg/Kg		89	70 - 125
1,4-Dichlorobenzene	0.0500	0.0442		mg/Kg		88	70 - 120
Dichlorodifluoromethane	0.0500	0.0392		mg/Kg		78	40 - 159
1,1-Dichloroethane	0.0500	0.0405		mg/Kg		81	70 - 125
1,2-Dichloroethane	0.0500	0.0482		mg/Kg		96	68 - 127
1,1-Dichloroethene	0.0500	0.0464		mg/Kg		93	67 - 122

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

Lab Sample ID: LCS 500-793018/4
Matrix: Solid
Analysis Batch: 793018

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.0500	0.0400		mg/Kg		80	67 - 130
1,3-Dichloropropane	0.0500	0.0448		mg/Kg		90	62 - 136
2,2-Dichloropropane	0.0500	0.0513		mg/Kg		103	58 - 139
1,1-Dichloropropene	0.0500	0.0443		mg/Kg		89	70 - 121
Ethylbenzene	0.0500	0.0438		mg/Kg		88	70 - 123
Hexachlorobutadiene	0.0500	0.0422		mg/Kg		84	51 - 150
Isopropylbenzene	0.0500	0.0394		mg/Kg		79	70 - 126
Methylene Chloride	0.0500	0.0436		mg/Kg		87	69 - 125
Methyl tert-butyl ether	0.0500	0.0447		mg/Kg		89	55 - 123
Naphthalene	0.0500	0.0380		mg/Kg		76	53 - 144
n-Butylbenzene	0.0500	0.0460		mg/Kg		92	68 - 125
N-Propylbenzene	0.0500	0.0419		mg/Kg		84	69 - 127
p-Isopropyltoluene	0.0500	0.0463		mg/Kg		93	70 - 125
sec-Butylbenzene	0.0500	0.0444		mg/Kg		89	70 - 123
Styrene	0.0500	0.0448		mg/Kg		90	70 - 120
tert-Butylbenzene	0.0500	0.0449		mg/Kg		90	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0460		mg/Kg		92	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0408		mg/Kg		82	62 - 140
Tetrachloroethene	0.0500	0.0497		mg/Kg		99	70 - 128
Toluene	0.0500	0.0427		mg/Kg		85	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0458		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0418		mg/Kg		84	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0428		mg/Kg		86	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0429		mg/Kg		86	57 - 137
1,1,1-Trichloroethane	0.0500	0.0492		mg/Kg		98	70 - 125
1,1,2-Trichloroethane	0.0500	0.0440		mg/Kg		88	71 - 130
Trichloroethene	0.0500	0.0472		mg/Kg		94	70 - 125
Trichlorofluoromethane	0.0500	0.0438		mg/Kg		88	55 - 128
1,2,3-Trichloropropane	0.0500	0.0430		mg/Kg		86	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0419		mg/Kg		84	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0428		mg/Kg		86	70 - 123
Vinyl chloride	0.0500	0.0494		mg/Kg		99	64 - 126
Xylenes, Total	0.100	0.0830		mg/Kg		83	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*78*		*72 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00012		0.00025	0.00012	mg/Kg			11/01/24 16:12	1
Bromobenzene	<0.00060		0.0010	0.00060	mg/Kg			11/01/24 16:12	1
Bromochloromethane	<0.00050		0.0010	0.00050	mg/Kg			11/01/24 16:12	1

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

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

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.00057		0.0010	0.00057	mg/Kg			11/01/24 16:12	1
Bromoform	<0.00096		0.0010	0.00096	mg/Kg			11/01/24 16:12	1
Bromomethane	<0.0018		0.0030	0.0018	mg/Kg			11/01/24 16:12	1
Carbon tetrachloride	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
Chlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
Chloroethane	<0.00047		0.0050	0.00047	mg/Kg			11/01/24 16:12	1
Chloroform	<0.00092		0.0020	0.00092	mg/Kg			11/01/24 16:12	1
Chloromethane	<0.00079		0.0050	0.00079	mg/Kg			11/01/24 16:12	1
2-Chlorotoluene	<0.00036		0.0010	0.00036	mg/Kg			11/01/24 16:12	1
4-Chlorotoluene	<0.00034		0.0010	0.00034	mg/Kg			11/01/24 16:12	1
cis-1,2-Dichloroethene	<0.00042		0.0010	0.00042	mg/Kg			11/01/24 16:12	1
cis-1,3-Dichloropropene	<0.00052		0.0010	0.00052	mg/Kg			11/01/24 16:12	1
Chlorodibromomethane	<0.00083		0.0010	0.00083	mg/Kg			11/01/24 16:12	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0050	0.0041	mg/Kg			11/01/24 16:12	1
1,2-Dibromoethane (EDB)	<0.00056		0.0010	0.00056	mg/Kg			11/01/24 16:12	1
Dibromomethane	<0.00058		0.0010	0.00058	mg/Kg			11/01/24 16:12	1
1,2-Dichlorobenzene	<0.00048		0.0010	0.00048	mg/Kg			11/01/24 16:12	1
1,3-Dichlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
1,4-Dichlorobenzene	<0.00045		0.0010	0.00045	mg/Kg			11/01/24 16:12	1
Dichlorodifluoromethane	<0.0018		0.0030	0.0018	mg/Kg			11/01/24 16:12	1
1,1-Dichloroethane	<0.00036		0.0010	0.00036	mg/Kg			11/01/24 16:12	1
1,2-Dichloroethane	<0.00058		0.0010	0.00058	mg/Kg			11/01/24 16:12	1
1,1-Dichloroethene	<0.00048		0.0010	0.00048	mg/Kg			11/01/24 16:12	1
1,2-Dichloropropane	<0.00037		0.0010	0.00037	mg/Kg			11/01/24 16:12	1
1,3-Dichloropropane	<0.00056		0.0010	0.00056	mg/Kg			11/01/24 16:12	1
2,2-Dichloropropane	<0.00048		0.0050	0.00048	mg/Kg			11/01/24 16:12	1
1,1-Dichloropropene	<0.00033		0.0010	0.00033	mg/Kg			11/01/24 16:12	1
Ethylbenzene	<0.00017		0.00025	0.00017	mg/Kg			11/01/24 16:12	1
Hexachlorobutadiene	<0.00054		0.0010	0.00054	mg/Kg			11/01/24 16:12	1
Isopropylbenzene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
Isopropyl ether	<0.00038		0.0010	0.00038	mg/Kg			11/01/24 16:12	1
Methylene Chloride	<0.0021		0.0050	0.0021	mg/Kg			11/01/24 16:12	1
Methyl tert-butyl ether	<0.00043		0.0010	0.00043	mg/Kg			11/01/24 16:12	1
Naphthalene	0.000571	J	0.0010	0.00044	mg/Kg			11/01/24 16:12	1
n-Butylbenzene	<0.00033		0.0010	0.00033	mg/Kg			11/01/24 16:12	1
N-Propylbenzene	<0.00032		0.0010	0.00032	mg/Kg			11/01/24 16:12	1
p-Isopropyltoluene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
sec-Butylbenzene	<0.00027		0.0010	0.00027	mg/Kg			11/01/24 16:12	1
Styrene	<0.00031		0.0010	0.00031	mg/Kg			11/01/24 16:12	1
tert-Butylbenzene	<0.00026		0.0010	0.00026	mg/Kg			11/01/24 16:12	1
1,1,1,2-Tetrachloroethane	<0.00067		0.0010	0.00067	mg/Kg			11/01/24 16:12	1
1,1,2,2-Tetrachloroethane	<0.00065		0.0010	0.00065	mg/Kg			11/01/24 16:12	1
Tetrachloroethene	<0.00039		0.0010	0.00039	mg/Kg			11/01/24 16:12	1
Toluene	<0.00021		0.00025	0.00021	mg/Kg			11/01/24 16:12	1
trans-1,2-Dichloroethene	<0.00044		0.0010	0.00044	mg/Kg			11/01/24 16:12	1
trans-1,3-Dichloropropene	<0.00063		0.0010	0.00063	mg/Kg			11/01/24 16:12	1
1,2,3-Trichlorobenzene	0.000528	J	0.0010	0.00035	mg/Kg			11/01/24 16:12	1
1,2,4-Trichlorobenzene	0.000516	J	0.0010	0.00031	mg/Kg			11/01/24 16:12	1
1,1,1-Trichloroethane	<0.00045		0.0010	0.00045	mg/Kg			11/01/24 16:12	1

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

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.00073		0.0010	0.00073	mg/Kg			11/01/24 16:12	1
Trichloroethene	<0.00015		0.00050	0.00015	mg/Kg			11/01/24 16:12	1
Trichlorofluoromethane	<0.00044		0.0010	0.00044	mg/Kg			11/01/24 16:12	1
1,2,3-Trichloropropane	<0.0015		0.0020	0.0015	mg/Kg			11/01/24 16:12	1
1,2,4-Trimethylbenzene	<0.00030		0.0010	0.00030	mg/Kg			11/01/24 16:12	1
1,3,5-Trimethylbenzene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
Vinyl chloride	<0.00047		0.0010	0.00047	mg/Kg			11/01/24 16:12	1
Xylenes, Total	<0.00024		0.00050	0.00024	mg/Kg			11/01/24 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*11/01/24 16:12*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*11/01/24 16:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*11/01/24 16:12*	*1*
Toluene-d8 (Surr)	*110*		*75 - 120*		*11/01/24 16:12*	*1*

Lab Sample ID: LCS 500-793536/3
Matrix: Solid
Analysis Batch: 793536

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0436		mg/Kg		87	70 - 120
Bromobenzene	0.0500	0.0500		mg/Kg		100	70 - 122
Bromochloromethane	0.0500	0.0434		mg/Kg		87	65 - 122
Bromodichloromethane	0.0500	0.0463		mg/Kg		93	69 - 120
Bromoform	0.0500	0.0386		mg/Kg		77	56 - 132
Bromomethane	0.0500	0.0550		mg/Kg		110	40 - 152
Carbon tetrachloride	0.0500	0.0507		mg/Kg		101	59 - 133
Chlorobenzene	0.0500	0.0501		mg/Kg		100	70 - 120
Chloroethane	0.0500	0.0478		mg/Kg		96	48 - 136
Chloroform	0.0500	0.0416		mg/Kg		83	70 - 120
Chloromethane	0.0500	0.0431		mg/Kg		86	56 - 152
2-Chlorotoluene	0.0500	0.0486		mg/Kg		97	70 - 125
4-Chlorotoluene	0.0500	0.0492		mg/Kg		98	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0449		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0479		mg/Kg		96	64 - 127
Chlorodibromomethane	0.0500	0.0429		mg/Kg		86	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0355		mg/Kg		71	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0424		mg/Kg		85	70 - 125
Dibromomethane	0.0500	0.0441		mg/Kg		88	70 - 120
1,2-Dichlorobenzene	0.0500	0.0486		mg/Kg		97	70 - 125
1,3-Dichlorobenzene	0.0500	0.0493		mg/Kg		99	70 - 125
1,4-Dichlorobenzene	0.0500	0.0476		mg/Kg		95	70 - 120
Dichlorodifluoromethane	0.0500	0.0512		mg/Kg		102	40 - 159
1,1-Dichloroethane	0.0500	0.0448		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0508		mg/Kg		102	68 - 127
1,1-Dichloroethene	0.0500	0.0493		mg/Kg		99	67 - 122
1,2-Dichloropropane	0.0500	0.0443		mg/Kg		89	67 - 130
1,3-Dichloropropane	0.0500	0.0466		mg/Kg		93	62 - 136

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

Lab Sample ID: LCS 500-793536/3
Matrix: Solid
Analysis Batch: 793536

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	0.0500	0.0545		mg/Kg		109	58 - 139
1,1-Dichloropropene	0.0500	0.0493		mg/Kg		99	70 - 121
Ethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0587		mg/Kg		117	51 - 150
Isopropylbenzene	0.0500	0.0482		mg/Kg		96	70 - 126
Methylene Chloride	0.0500	0.0437		mg/Kg		87	69 - 125
Methyl tert-butyl ether	0.0500	0.0433		mg/Kg		87	55 - 123
Naphthalene	0.0500	0.0408		mg/Kg		82	53 - 144
n-Butylbenzene	0.0500	0.0529		mg/Kg		106	68 - 125
N-Propylbenzene	0.0500	0.0501		mg/Kg		100	69 - 127
p-Isopropyltoluene	0.0500	0.0513		mg/Kg		103	70 - 125
sec-Butylbenzene	0.0500	0.0513		mg/Kg		103	70 - 123
Styrene	0.0500	0.0466		mg/Kg		93	70 - 120
tert-Butylbenzene	0.0500	0.0514		mg/Kg		103	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0403		mg/Kg		81	62 - 140
Tetrachloroethene	0.0500	0.0532		mg/Kg		106	70 - 128
Toluene	0.0500	0.0478		mg/Kg		96	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0459		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0453		mg/Kg		91	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0540		mg/Kg		108	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0544		mg/Kg		109	57 - 137
1,1,1-Trichloroethane	0.0500	0.0524		mg/Kg		105	70 - 125
1,1,2-Trichloroethane	0.0500	0.0428		mg/Kg		86	71 - 130
Trichloroethene	0.0500	0.0478		mg/Kg		96	70 - 125
Trichlorofluoromethane	0.0500	0.0508		mg/Kg		102	55 - 128
1,2,3-Trichloropropane	0.0500	0.0413		mg/Kg		83	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0497		mg/Kg		99	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0509		mg/Kg		102	70 - 123
Vinyl chloride	0.0500	0.0436		mg/Kg		87	64 - 126
Xylenes, Total	0.100	0.0936		mg/Kg		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*
Toluene-d8 (Surr)	*109*		*75 - 120*

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 320-811771/1-A
Matrix: Solid
Analysis Batch: 812215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	<0.062		0.20	0.062	ug/Kg		11/02/24 07:22	11/05/24 00:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.050		0.20	0.050	ug/Kg		11/02/24 07:22	11/05/24 00:07	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	96.9		40 - 130	11/02/24 07:22	11/05/24 00:07	1
13C8 PFOS	95.3		40 - 130	11/02/24 07:22	11/05/24 00:07	1

Lab Sample ID: LCS 320-811771/3-A
Matrix: Solid
Analysis Batch: 812215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811771

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorooctanoic acid (PFOA)			2.50	2.32		ug/Kg		93	70 - 150		
Perfluorooctanesulfonic acid (PFOS)			2.33	2.27		ug/Kg		98	65 - 160		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C8 PFOA	86.8		40 - 130
13C8 PFOS	84.7		40 - 130

Lab Sample ID: LCSD 320-811771/4-A
Matrix: Solid
Analysis Batch: 812215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 811771

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)			2.50	2.33		ug/Kg		93	70 - 150	0	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.14		ug/Kg		92	65 - 160	6	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C8 PFOA	91.3		40 - 130
13C8 PFOS	85.0		40 - 130

Lab Sample ID: LLCS 320-811771/2-A
Matrix: Solid
Analysis Batch: 812215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 811771

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorooctanoic acid (PFOA)			0.400	0.337		ug/Kg		84	70 - 150		
Perfluorooctanesulfonic acid (PFOS)			0.372	0.334		ug/Kg		90	65 - 160		

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 PFOA	91.3		40 - 130
13C8 PFOS	90.1		40 - 130

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Client Sample ID: WC-Bin2A-102224
Lab Sample ID: 500-259137-1
Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/26/24 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	793105	DG	EET CHI	10/30/24 11:13

Client Sample ID: WC-Bin2A-102224
Lab Sample ID: 500-259137-1
Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/26/24 10:15
Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			792527	WRE	EET CHI	10/22/24 10:50
Total/NA	Analysis	8260D		50	793018	SW1	EET CHI	10/30/24 14:21
Total/NA	Prep	1633 Shake			811771	MKC	EET SAC	11/02/24 07:22
Total/NA	Analysis	1633		1	812215	C1P	EET SAC	11/05/24 05:27

Client Sample ID: WC-Bin2B-102224
Lab Sample ID: 500-259137-2
Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/26/24 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	793105	DG	EET CHI	10/30/24 11:13

Client Sample ID: WC-Bin2B-102224
Lab Sample ID: 500-259137-2
Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/26/24 10:15
Percent Solids: 72.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			792527	WRE	EET CHI	10/22/24 10:50
Total/NA	Analysis	8260D		50	793018	SW1	EET CHI	10/30/24 14:46
Total/NA	Prep	1633 Shake			811771	MKC	EET SAC	11/02/24 07:22
Total/NA	Analysis	1633		1	812215	C1P	EET SAC	11/05/24 05:41

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Endpoint Solutions Corp
Job ID: 500-259137-1
Project/Site: FTC - 415-006-004-002

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-25

Laboratory: Eurofins Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-25

Address Eurofins Brookfield

Chain of Custody Record 727587

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Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kirk K	Site Contact: Kirk K	Date:	COC No
Company Name: Endpoint Solutions	Tel/Email: Kirk@endpointcorporation.com	Lab Contact: Sandra E	Carrier:	1 of 1 COCs
Address: 6871 S. Lovers Lane	Analysis Turnaround Time			Sampler
City/State/Zip: Franklin WI 53132	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 414 427 1200	TAT if different from Below			Walk-in Client
Fax	☐ 2 weeks			Lab Sampling
Project Name	☐ 1 week std			
Site: FTC	☐ 2 days			Job / SDG No: 500-259137
P O #: 415-006-004-002	☐ 1 day			

500-259137 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFOA/PFOS	VOC	Sample Specific Notes
1	WC-Bin2A-102224	10/22/24	1050	C	S	3			X	X	
2	WC-Bin2B-102224	↓	1050	↓	↓				X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

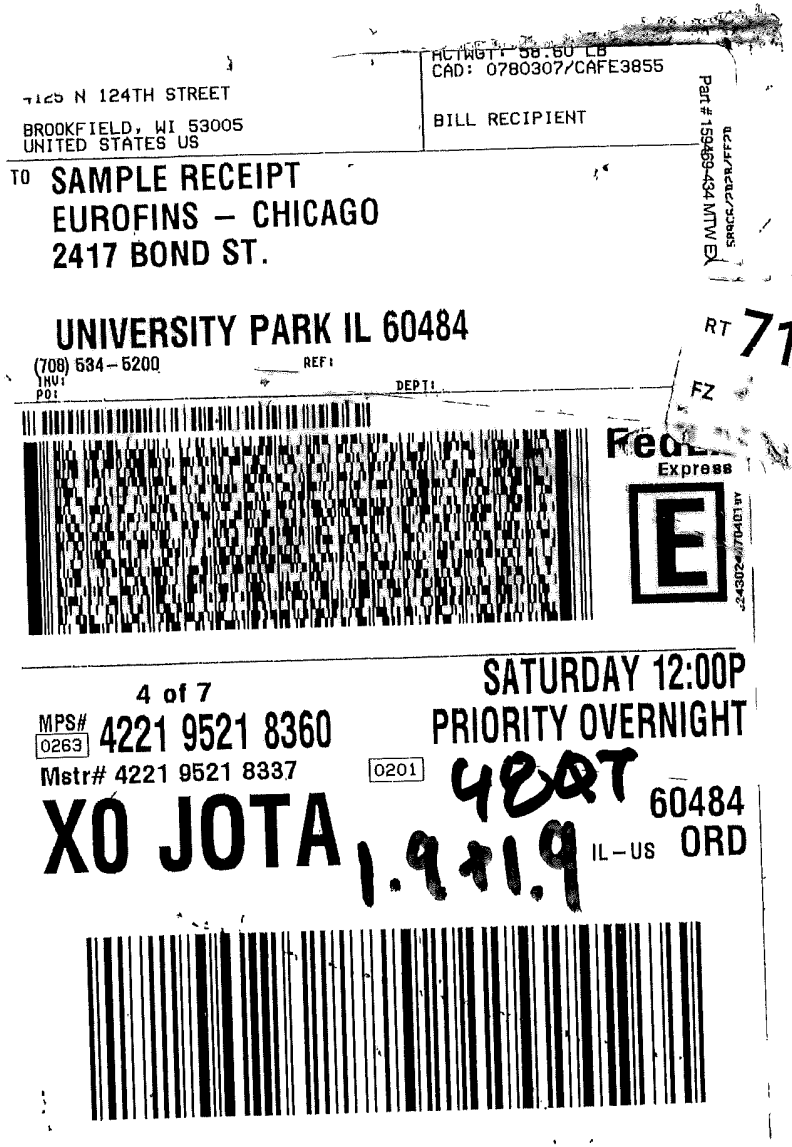
Special Instructions/QC Requirements & Comments:

1.9+1.9

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ | Therm ID No _____

	Company	Date/Time		Company	Date/Time
Relinquished by	Endpoint	10/25	Received by	Eurofins	10/25/24 11.44
Relinquished by	Eurofins 10/25/24	1630	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by: Stephanie Hernandez	Company EEIA	Date/Time 10/26/24 1015

11/11/2024



500-259137 Waybi

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fredrick, Sandie	Carrier Tracking No(s): N/A	COC No: 500-194456.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State Wisconsin		Job #: 500-259137 1
Address: 880 Riverside Parkway	Due Date Requested: 11/11/2024			Preservation Codes:
City: West Sacramento	TAT Requested (days): N/A			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: FTC 415-006-004-002	Project #: 50016218			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oi ST=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633_Final/1633_Shake 1633 PFOA/PFOS Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WC-Bin2A-102224 (500-259137 1)	10/22/24	10:50 Central	G	Solid			X	1	
WC-Bin2B-102224 (500-259137-2)	10/22/24	10:50 Central	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
SH.	10/28/24 1400			10/29/24 0925	EE Dac
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact:	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No	25555152	1.5°C

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 500-259137-1

Login Number: 259137
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 500-259137-1

Login Number: 259137
List Number: 2
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 10/29/24 01:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	2585182
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259137-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	C8PFOA (40-130)	C8PFOS (40-130)
500-259137-1	WC-Bin2A-102224	84.0	81.8
500-259137-2	WC-Bin2B-102224	82.7	87.9
LCS 320-811771/3-A	Lab Control Sample	86.8	84.7
LCSD 320-811771/4-A	Lab Control Sample Dup	91.3	85.0
LLCS 320-811771/2-A	Lab Control Sample	91.3	90.1
MB 320-811771/1-A	Method Blank	96.9	95.3

Surrogate Legend

C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Kirk Kapfhammer
Endpoint Solutions Corp
6871 S. Lover's Lane
Franklin, Wisconsin 53132

Generated 11/11/2024 12:12:55 PM

JOB DESCRIPTION

FTC - 415-006-004-002

JOB NUMBER

500-259138-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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 Chicago Project Manager.

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits
- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = 3.33 x LOD as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization

Generated
11/11/2024 12:12:55 PM

Authorized for release by
Sandie Fredrick, Senior Project Manager
Sandra.Fredrick@et.eurofinsus.com
(920)261-1660

Table of Contents

Job Narrative
500-259138-1

Receipt
The samples were received on 10/26/24 10:15. 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 was 1.9º C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-793009 was outside the method criteria for the following analyte(s): Chloroethane, Isopropyl ether and 1,2,3-Trichlorobenzene. 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 method blank for preparation batch 500-792527 and analytical batch 500-793009 contained Methylene Chloride, Naphthalene and 1,2,3-Trichlorobenzene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: Methylene chloride was detected in the following items: WC-Bin1A-101724 (500-259138-1) and WC-Bin1B-101724 (500-259138-2). Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

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

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

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

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

Detection Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1A-101724 — Lab Sample ID: 500-259138-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.64	J B	1.0	0.44	mg/Kg	50	☼	8260D	Total/NA
Perfluorooctanoic acid (PFOA)	2.8		0.20	0.061	ug/Kg	1	☼	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.18	J	0.20	0.049	ug/Kg	1	☼	1633	Total/NA

Client Sample ID: WC-Bin1B-101724 — Lab Sample ID: 500-259138-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.62	J B	1.0	0.43	mg/Kg	50	☼	8260D	Total/NA
Perfluorooctanoic acid (PFOA)	3.2		0.18	0.055	ug/Kg	1	☼	1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.20		0.18	0.045	ug/Kg	1	☼	1633	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET SAC
Moisture	Percent Moisture	EPA	EET CHI
1633 Shake	Shake Extraction with SPE	EPA	EET SAC
5035	Closed System Purge and Trap	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Sample Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-259138-1	WC-Bin1A-101724	Solid	10/17/24 11:10	10/26/24 10:15
500-259138-2	WC-Bin1B-101724	Solid	10/17/24 11:10	10/26/24 10:15

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1A-101724
Date Collected: 10/17/24 11:10
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259138-1
Matrix: Solid
Percent Solids: 54.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.025		0.051	0.025	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Bromobenzene	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Bromochloromethane	<0.10		0.20	0.10	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Bromodichloromethane	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Bromoform	<0.20		0.20	0.20	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Bromomethane	<0.37		0.61	0.37	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Carbon tetrachloride	<0.085		0.20	0.085	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Chlorobenzene	<0.084		0.20	0.084	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Chloroethane	<0.096		1.0	0.096	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Chloroform	<0.19		0.41	0.19	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Chloromethane	<0.16		1.0	0.16	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
2-Chlorotoluene	<0.073		0.20	0.073	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
4-Chlorotoluene	<0.070		0.20	0.070	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
cis-1,2-Dichloroethene	<0.085		0.20	0.085	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
cis-1,3-Dichloropropene	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Chlorodibromomethane	<0.17		0.20	0.17	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2-Dibromo-3-Chloropropane	<0.83		1.0	0.83	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2-Dibromoethane (EDB)	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Dibromomethane	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2-Dichlorobenzene	<0.097		0.20	0.097	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,3-Dichlorobenzene	<0.083		0.20	0.083	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,4-Dichlorobenzene	<0.093		0.20	0.093	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Dichlorodifluoromethane	<0.36		0.61	0.36	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1-Dichloroethane	<0.074		0.20	0.074	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2-Dichloroethane	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1-Dichloroethene	<0.098		0.20	0.098	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2-Dichloropropane	<0.076		0.20	0.076	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,3-Dichloropropane	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
2,2-Dichloropropane	<0.099		1.0	0.099	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1-Dichloropropene	<0.068		0.20	0.068	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Ethylbenzene	<0.035		0.051	0.035	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Hexachlorobutadiene	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Isopropylbenzene	<0.059		0.20	0.059	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Isopropyl ether	<0.078		0.20	0.078	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Methylene Chloride	**0.64**	**J B**	1.0	0.44	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Methyl tert-butyl ether	<0.088		0.20	0.088	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Naphthalene	<0.090		0.20	0.090	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
n-Butylbenzene	<0.067		0.20	0.067	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
N-Propylbenzene	<0.065		0.20	0.065	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
p-Isopropyltoluene	<0.060		0.20	0.060	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
sec-Butylbenzene	<0.055		0.20	0.055	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Styrene	<0.063		0.20	0.063	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
tert-Butylbenzene	<0.054		0.20	0.054	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1,1,2-Tetrachloroethane	<0.14		0.20	0.14	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1,2,2-Tetrachloroethane	<0.13		0.20	0.13	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Tetrachloroethene	<0.079		0.20	0.079	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Toluene	<0.043		0.051	0.043	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
trans-1,2-Dichloroethene	<0.090		0.20	0.090	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
trans-1,3-Dichloropropene	<0.13		0.20	0.13	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1A-101724
Date Collected: 10/17/24 11:10
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259138-1
Matrix: Solid
Percent Solids: 54.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.072		0.20	0.072	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2,4-Trichlorobenzene	<0.063		0.20	0.063	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1,1-Trichloroethane	<0.092		0.20	0.092	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,1,2-Trichloroethane	<0.15		0.20	0.15	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Trichloroethene	<0.030		0.10	0.030	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Trichlorofluoromethane	<0.090		0.20	0.090	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2,3-Trichloropropane	<0.31		0.41	0.31	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,2,4-Trimethylbenzene	<0.061		0.20	0.061	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
1,3,5-Trimethylbenzene	<0.059		0.20	0.059	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Vinyl chloride	<0.096		0.20	0.096	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50
Xylenes, Total	<0.048		0.10	0.048	mg/Kg	☼	10/17/24 11:10	10/30/24 16:40	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*	*10/17/24 11:10*	*10/30/24 16:40*	*50*
Dibromofluoromethane (Surr)	*99*		*75 - 120*	*10/17/24 11:10*	*10/30/24 16:40*	*50*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*	*10/17/24 11:10*	*10/30/24 16:40*	*50*
Toluene-d8 (Surr)	*103*		*75 - 120*	*10/17/24 11:10*	*10/30/24 16:40*	*50*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**2.8**		0.20	0.061	ug/Kg	☼	11/02/24 07:22	11/05/24 05:55	1
Perfluorooctanesulfonic acid (PFOS)	**0.18**	**J**	0.20	0.049	ug/Kg	☼	11/02/24 07:22	11/05/24 05:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 PFOA	*77.8*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:55*	*1*
13C8 PFOS	*73.6*		*40 - 130*	*11/02/24 07:22*	*11/05/24 05:55*	*1*

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1B-101724
Date Collected: 10/17/24 11:10
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259138-2
Matrix: Solid
Percent Solids: 55.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.025		0.050	0.025	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Bromobenzene	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Bromochloromethane	<0.10		0.20	0.10	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Bromodichloromethane	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Bromoform	<0.19		0.20	0.19	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Bromomethane	<0.36		0.61	0.36	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Carbon tetrachloride	<0.084		0.20	0.084	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Chlorobenzene	<0.083		0.20	0.083	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Chloroethane	<0.095		1.0	0.095	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Chloroform	<0.19		0.40	0.19	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Chloromethane	<0.16		1.0	0.16	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
2-Chlorotoluene	<0.072		0.20	0.072	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
4-Chlorotoluene	<0.069		0.20	0.069	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
cis-1,2-Dichloroethene	<0.084		0.20	0.084	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
cis-1,3-Dichloropropene	<0.10		0.20	0.10	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Chlorodibromomethane	<0.17		0.20	0.17	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2-Dibromo-3-Chloropropane	<0.82		1.0	0.82	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2-Dibromoethane (EDB)	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Dibromomethane	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2-Dichlorobenzene	<0.096		0.20	0.096	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,3-Dichlorobenzene	<0.082		0.20	0.082	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,4-Dichlorobenzene	<0.092		0.20	0.092	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Dichlorodifluoromethane	<0.36		0.61	0.36	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1-Dichloroethane	<0.073		0.20	0.073	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2-Dichloroethane	<0.12		0.20	0.12	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1-Dichloroethene	<0.097		0.20	0.097	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2-Dichloropropane	<0.075		0.20	0.075	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,3-Dichloropropane	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
2,2-Dichloropropane	<0.098		1.0	0.098	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1-Dichloropropene	<0.067		0.20	0.067	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Ethylbenzene	<0.035		0.050	0.035	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Hexachlorobutadiene	<0.11		0.20	0.11	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Isopropylbenzene	<0.059		0.20	0.059	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Isopropyl ether	<0.078		0.20	0.078	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Methylene Chloride	**0.62**	**J B**	1.0	0.43	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Methyl tert-butyl ether	<0.087		0.20	0.087	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Naphthalene	<0.089		0.20	0.089	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
n-Butylbenzene	<0.066		0.20	0.066	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
N-Propylbenzene	<0.065		0.20	0.065	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
p-Isopropyltoluene	<0.059		0.20	0.059	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
sec-Butylbenzene	<0.055		0.20	0.055	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Styrene	<0.062		0.20	0.062	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
tert-Butylbenzene	<0.053		0.20	0.053	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1,1,2-Tetrachloroethane	<0.13		0.20	0.13	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1,2,2-Tetrachloroethane	<0.13		0.20	0.13	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Tetrachloroethene	<0.079		0.20	0.079	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Toluene	<0.043		0.050	0.043	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
trans-1,2-Dichloroethene	<0.089		0.20	0.089	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
trans-1,3-Dichloropropene	<0.13		0.20	0.13	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1B-101724
Date Collected: 10/17/24 11:10
Date Received: 10/26/24 10:15

Lab Sample ID: 500-259138-2
Matrix: Solid
Percent Solids: 55.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.071		0.20	0.071	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2,4-Trichlorobenzene	<0.062		0.20	0.062	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1,1-Trichloroethane	<0.091		0.20	0.091	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,1,2-Trichloroethane	<0.15		0.20	0.15	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Trichloroethene	<0.030		0.10	0.030	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Trichlorofluoromethane	<0.089		0.20	0.089	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2,3-Trichloropropane	<0.30		0.40	0.30	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,2,4-Trimethylbenzene	<0.061		0.20	0.061	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
1,3,5-Trimethylbenzene	<0.058		0.20	0.058	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Vinyl chloride	<0.095		0.20	0.095	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50
Xylenes, Total	<0.047		0.10	0.047	mg/Kg	☼	10/17/24 11:10	10/30/24 17:03	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*72 - 124*	*10/17/24 11:10*	*10/30/24 17:03*	*50*
Dibromofluoromethane (Surr)	*98*		*75 - 120*	*10/17/24 11:10*	*10/30/24 17:03*	*50*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*	*10/17/24 11:10*	*10/30/24 17:03*	*50*
Toluene-d8 (Surr)	*99*		*75 - 120*	*10/17/24 11:10*	*10/30/24 17:03*	*50*

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	**3.2**		0.18	0.055	ug/Kg	☼	11/02/24 07:22	11/05/24 06:08	1
Perfluorooctanesulfonic acid (PFOS)	**0.20**		0.18	0.045	ug/Kg	☼	11/02/24 07:22	11/05/24 06:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C8 PFOA	*87.6*		*40 - 130*	*11/02/24 07:22*	*11/05/24 06:08*	*1*
13C8 PFOS	*79.7*		*40 - 130*	*11/02/24 07:22*	*11/05/24 06:08*	*1*

Definitions/Glossary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

LCMS

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical 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

GC/MS VOA

Prep Batch: 792527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259138-1	WC-Bin1A-101724	Total/NA	Solid	5035	
500-259138-2	WC-Bin1B-101724	Total/NA	Solid	5035	
LB3 500-792527/21-A	Method Blank	Total/NA	Solid	5035	
LCS 500-792527/22-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 793009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259138-1	WC-Bin1A-101724	Total/NA	Solid	8260D	792527
500-259138-2	WC-Bin1B-101724	Total/NA	Solid	8260D	792527
MB 500-793009/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-793009/4	Lab Control Sample	Total/NA	Solid	8260D	

Analysis Batch: 793536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB3 500-792527/21-A	Method Blank	Total/NA	Solid	8260D	792527
MB 500-793536/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-792527/22-A	Lab Control Sample	Total/NA	Solid	8260D	792527
LCS 500-793536/3	Lab Control Sample	Total/NA	Solid	8260D	

LCMS

Prep Batch: 811771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259138-1	WC-Bin1A-101724	Total/NA	Solid	1633 Shake	
500-259138-2	WC-Bin1B-101724	Total/NA	Solid	1633 Shake	
MB 320-811771/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 320-811771/3-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LCSD 320-811771/4-A	Lab Control Sample Dup	Total/NA	Solid	1633 Shake	
LLCS 320-811771/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 812215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259138-1	WC-Bin1A-101724	Total/NA	Solid	1633	811771
500-259138-2	WC-Bin1B-101724	Total/NA	Solid	1633	811771
MB 320-811771/1-A	Method Blank	Total/NA	Solid	1633	811771
LCS 320-811771/3-A	Lab Control Sample	Total/NA	Solid	1633	811771
LCSD 320-811771/4-A	Lab Control Sample Dup	Total/NA	Solid	1633	811771
LLCS 320-811771/2-A	Lab Control Sample	Total/NA	Solid	1633	811771

General Chemistry

Analysis Batch: 793105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-259138-1	WC-Bin1A-101724	Total/NA	Solid	Moisture	
500-259138-2	WC-Bin1B-101724	Total/NA	Solid	Moisture	

Surrogate Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(72-124)	(75-120)	(75-126)	(75-120)
500-259138-1	WC-Bin1A-101724	101	99	99	103
500-259138-2	WC-Bin1B-101724	104	98	98	99
LB3 500-792527/21-A	Method Blank	103	92	108	110
LCS 500-792527/22-A	Lab Control Sample	94	100	112	107
LCS 500-793009/4	Lab Control Sample	100	102	97	100
LCS 500-793536/3	Lab Control Sample	99	99	109	109
MB 500-793009/7	Method Blank	103	101	98	100
MB 500-793536/7	Method Blank	105	94	110	110

Surrogate Legend

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

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

Lab Sample ID: LB3 500-792527/21-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 792527

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0061		0.013	0.0061	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromobenzene	<0.030		0.050	0.030	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromochloromethane	<0.025		0.050	0.025	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromodichloromethane	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromoform	<0.048		0.050	0.048	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Bromomethane	<0.090		0.15	0.090	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Carbon tetrachloride	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chlorobenzene	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloroethane	<0.024		0.25	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloroform	<0.046		0.10	0.046	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chloromethane	<0.039		0.25	0.039	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
2-Chlorotoluene	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
4-Chlorotoluene	<0.017		0.050	0.017	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
cis-1,2-Dichloroethene	<0.021		0.050	0.021	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
cis-1,3-Dichloropropene	<0.026		0.050	0.026	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Chlorodibromomethane	<0.041		0.050	0.041	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dibromo-3-Chloropropane	<0.20		0.25	0.20	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Dibromomethane	<0.029		0.050	0.029	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichlorobenzene	<0.024		0.050	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3-Dichlorobenzene	<0.020		0.050	0.020	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,4-Dichlorobenzene	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Dichlorodifluoromethane	<0.088		0.15	0.088	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloroethane	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichloroethane	<0.029		0.050	0.029	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloroethene	<0.024		0.050	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2-Dichloropropane	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3-Dichloropropane	<0.028		0.050	0.028	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
2,2-Dichloropropane	<0.024		0.25	0.024	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1-Dichloropropene	<0.017		0.050	0.017	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Ethylbenzene	<0.0086		0.013	0.0086	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Hexachlorobutadiene	<0.027		0.050	0.027	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Isopropylbenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Isopropyl ether	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Methylene Chloride	<0.11		0.25	0.11	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Methyl tert-butyl ether	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Naphthalene	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
n-Butylbenzene	<0.016		0.050	0.016	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
N-Propylbenzene	<0.016		0.050	0.016	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
p-Isopropyltoluene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
sec-Butylbenzene	<0.014		0.050	0.014	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Styrene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
tert-Butylbenzene	<0.013		0.050	0.013	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,1,2-Tetrachloroethane	<0.033		0.050	0.033	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,2,2-Tetrachloroethane	<0.032		0.050	0.032	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Tetrachloroethene	<0.019		0.050	0.019	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Toluene	<0.011		0.013	0.011	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
trans-1,2-Dichloroethene	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50

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

Lab Sample ID: LB3 500-792527/21-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 792527

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.032		0.050	0.032	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,3-Trichlorobenzene	<0.018		0.050	0.018	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,4-Trichlorobenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,1-Trichloroethane	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,1,2-Trichloroethane	<0.037		0.050	0.037	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Trichloroethene	<0.0074		0.025	0.0074	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Trichlorofluoromethane	<0.022		0.050	0.022	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,3-Trichloropropane	<0.075		0.10	0.075	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,2,4-Trimethylbenzene	<0.015		0.050	0.015	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
1,3,5-Trimethylbenzene	<0.014		0.050	0.014	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Vinyl chloride	<0.023		0.050	0.023	mg/Kg		10/28/24 02:00	11/01/24 17:01	50
Xylenes, Total	<0.012		0.025	0.012	mg/Kg		10/28/24 02:00	11/01/24 17:01	50

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
Dibromofluoromethane (Surr)	*92*		*75 - 120*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
1,2-Dichloroethane-d4 (Surr)	*108*		*75 - 126*	*10/28/24 02:00*	*11/01/24 17:01*	*50*
Toluene-d8 (Surr)	*110*		*75 - 120*	*10/28/24 02:00*	*11/01/24 17:01*	*50*

Lab Sample ID: LCS 500-792527/22-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 792527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	2.50	2.21		mg/Kg		88	70 - 120
Bromobenzene	2.50	2.28		mg/Kg		91	70 - 122
Bromochloromethane	2.50	2.21		mg/Kg		88	65 - 122
Bromodichloromethane	2.50	2.31		mg/Kg		92	69 - 120
Bromoform	2.50	1.77		mg/Kg		71	56 - 132
Bromomethane	2.50	1.78		mg/Kg		71	40 - 152
Carbon tetrachloride	2.50	2.49		mg/Kg		100	59 - 133
Chlorobenzene	2.50	2.41		mg/Kg		96	70 - 120
Chloroethane	2.50	2.89		mg/Kg		116	48 - 136
Chloroform	2.50	2.14		mg/Kg		86	70 - 120
Chloromethane	2.50	1.78		mg/Kg		71	56 - 152
2-Chlorotoluene	2.50	2.30		mg/Kg		92	70 - 125
4-Chlorotoluene	2.50	2.33		mg/Kg		93	68 - 124
cis-1,2-Dichloroethene	2.50	2.25		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	2.50	2.27		mg/Kg		91	64 - 127
Chlorodibromomethane	2.50	2.01		mg/Kg		81	68 - 125
1,2-Dibromo-3-Chloropropane	2.50	1.50		mg/Kg		60	56 - 123
1,2-Dibromoethane (EDB)	2.50	2.05		mg/Kg		82	70 - 125
Dibromomethane	2.50	2.18		mg/Kg		87	70 - 120
1,2-Dichlorobenzene	2.50	2.32		mg/Kg		93	70 - 125
1,3-Dichlorobenzene	2.50	2.29		mg/Kg		91	70 - 125
1,4-Dichlorobenzene	2.50	2.25		mg/Kg		90	70 - 120
Dichlorodifluoromethane	2.50	1.49		mg/Kg		60	40 - 159
1,1-Dichloroethane	2.50	2.30		mg/Kg		92	70 - 125

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

Lab Sample ID: LCS 500-792527/22-A
Matrix: Solid
Analysis Batch: 793536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 792527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	2.50	2.62		mg/Kg		105	68 - 127
1,1-Dichloroethene	2.50	2.33		mg/Kg		93	67 - 122
1,2-Dichloropropane	2.50	2.28		mg/Kg		91	67 - 130
1,3-Dichloropropane	2.50	2.27		mg/Kg		91	62 - 136
2,2-Dichloropropane	2.50	2.51		mg/Kg		100	58 - 139
1,1-Dichloropropene	2.50	2.40		mg/Kg		96	70 - 121
Ethylbenzene	2.50	2.35		mg/Kg		94	70 - 123
Hexachlorobutadiene	2.50	2.60		mg/Kg		104	51 - 150
Isopropylbenzene	2.50	2.21		mg/Kg		89	70 - 126
Methylene Chloride	2.50	2.22		mg/Kg		89	69 - 125
Methyl tert-butyl ether	2.50	2.17		mg/Kg		87	55 - 123
Naphthalene	2.50	1.57		mg/Kg		63	53 - 144
n-Butylbenzene	2.50	2.36		mg/Kg		95	68 - 125
N-Propylbenzene	2.50	2.33		mg/Kg		93	69 - 127
p-Isopropyltoluene	2.50	2.40		mg/Kg		96	70 - 125
sec-Butylbenzene	2.50	2.42		mg/Kg		97	70 - 123
Styrene	2.50	2.31		mg/Kg		92	70 - 120
tert-Butylbenzene	2.50	2.41		mg/Kg		97	70 - 121
1,1,1,2-Tetrachloroethane	2.50	2.27		mg/Kg		91	70 - 125
1,1,2,2-Tetrachloroethane	2.50	1.81		mg/Kg		72	62 - 140
Tetrachloroethene	2.50	2.57		mg/Kg		103	70 - 128
Toluene	2.50	2.34		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	2.50	2.29		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	2.50	2.12		mg/Kg		85	62 - 128
1,2,3-Trichlorobenzene	2.50	2.19		mg/Kg		88	51 - 145
1,2,4-Trichlorobenzene	2.50	2.13		mg/Kg		85	57 - 137
1,1,1-Trichloroethane	2.50	2.56		mg/Kg		102	70 - 125
1,1,2-Trichloroethane	2.50	2.09		mg/Kg		84	71 - 130
Trichloroethene	2.50	2.37		mg/Kg		95	70 - 125
Trichlorofluoromethane	2.50	2.34		mg/Kg		94	55 - 128
1,2,3-Trichloropropane	2.50	1.94		mg/Kg		78	50 - 133
1,2,4-Trimethylbenzene	2.50	2.34		mg/Kg		94	70 - 123
1,3,5-Trimethylbenzene	2.50	2.40		mg/Kg		96	70 - 123
Vinyl chloride	2.50	1.85		mg/Kg		74	64 - 126
Xylenes, Total	5.00	4.53		mg/Kg		91	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*112*		*75 - 126*
Toluene-d8 (Surr)	*107*		*75 - 120*

Lab Sample ID: MB 500-793009/7
Matrix: Solid
Analysis Batch: 793009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00012		0.00025	0.00012	mg/Kg			10/30/24 10:25	1

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

Lab Sample ID: MB 500-793009/7
Matrix: Solid
Analysis Batch: 793009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromobenzene	<0.00060		0.0010	0.00060	mg/Kg			10/30/24 10:25	1
Bromochloromethane	<0.00050		0.0010	0.00050	mg/Kg			10/30/24 10:25	1
Bromodichloromethane	<0.00057		0.0010	0.00057	mg/Kg			10/30/24 10:25	1
Bromoform	<0.00096		0.0010	0.00096	mg/Kg			10/30/24 10:25	1
Bromomethane	<0.0018		0.0030	0.0018	mg/Kg			10/30/24 10:25	1
Carbon tetrachloride	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 10:25	1
Chlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 10:25	1
Chloroethane	<0.00047		0.0050	0.00047	mg/Kg			10/30/24 10:25	1
Chloroform	<0.00092		0.0020	0.00092	mg/Kg			10/30/24 10:25	1
Chloromethane	<0.00079		0.0050	0.00079	mg/Kg			10/30/24 10:25	1
2-Chlorotoluene	<0.00036		0.0010	0.00036	mg/Kg			10/30/24 10:25	1
4-Chlorotoluene	<0.00034		0.0010	0.00034	mg/Kg			10/30/24 10:25	1
cis-1,2-Dichloroethene	<0.00042		0.0010	0.00042	mg/Kg			10/30/24 10:25	1
cis-1,3-Dichloropropene	<0.00052		0.0010	0.00052	mg/Kg			10/30/24 10:25	1
Chlorodibromomethane	<0.00083		0.0010	0.00083	mg/Kg			10/30/24 10:25	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0050	0.0041	mg/Kg			10/30/24 10:25	1
1,2-Dibromoethane (EDB)	<0.00056		0.0010	0.00056	mg/Kg			10/30/24 10:25	1
Dibromomethane	<0.00058		0.0010	0.00058	mg/Kg			10/30/24 10:25	1
1,2-Dichlorobenzene	<0.00048		0.0010	0.00048	mg/Kg			10/30/24 10:25	1
1,3-Dichlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			10/30/24 10:25	1
1,4-Dichlorobenzene	<0.00045		0.0010	0.00045	mg/Kg			10/30/24 10:25	1
Dichlorodifluoromethane	<0.0018		0.0030	0.0018	mg/Kg			10/30/24 10:25	1
1,1-Dichloroethane	<0.00036		0.0010	0.00036	mg/Kg			10/30/24 10:25	1
1,2-Dichloroethane	<0.00058		0.0010	0.00058	mg/Kg			10/30/24 10:25	1
1,1-Dichloroethene	<0.00048		0.0010	0.00048	mg/Kg			10/30/24 10:25	1
1,2-Dichloropropane	<0.00037		0.0010	0.00037	mg/Kg			10/30/24 10:25	1
1,3-Dichloropropane	<0.00056		0.0010	0.00056	mg/Kg			10/30/24 10:25	1
2,2-Dichloropropane	<0.00048		0.0050	0.00048	mg/Kg			10/30/24 10:25	1
1,1-Dichloropropene	<0.00033		0.0010	0.00033	mg/Kg			10/30/24 10:25	1
Ethylbenzene	<0.00017		0.00025	0.00017	mg/Kg			10/30/24 10:25	1
Hexachlorobutadiene	<0.00054		0.0010	0.00054	mg/Kg			10/30/24 10:25	1
Isopropylbenzene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 10:25	1
Isopropyl ether	<0.00038		0.0010	0.00038	mg/Kg			10/30/24 10:25	1
Methylene Chloride	0.00295	J	0.0050	0.0021	mg/Kg			10/30/24 10:25	1
Methyl tert-butyl ether	<0.00043		0.0010	0.00043	mg/Kg			10/30/24 10:25	1
Naphthalene	0.000683	J	0.0010	0.00044	mg/Kg			10/30/24 10:25	1
n-Butylbenzene	<0.00033		0.0010	0.00033	mg/Kg			10/30/24 10:25	1
N-Propylbenzene	<0.00032		0.0010	0.00032	mg/Kg			10/30/24 10:25	1
p-Isopropyltoluene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 10:25	1
sec-Butylbenzene	<0.00027		0.0010	0.00027	mg/Kg			10/30/24 10:25	1
Styrene	<0.00031		0.0010	0.00031	mg/Kg			10/30/24 10:25	1
tert-Butylbenzene	<0.00026		0.0010	0.00026	mg/Kg			10/30/24 10:25	1
1,1,1,2-Tetrachloroethane	<0.00067		0.0010	0.00067	mg/Kg			10/30/24 10:25	1
1,1,2,2-Tetrachloroethane	<0.00065		0.0010	0.00065	mg/Kg			10/30/24 10:25	1
Tetrachloroethene	<0.00039		0.0010	0.00039	mg/Kg			10/30/24 10:25	1
Toluene	<0.00021		0.00025	0.00021	mg/Kg			10/30/24 10:25	1
trans-1,2-Dichloroethene	<0.00044		0.0010	0.00044	mg/Kg			10/30/24 10:25	1
trans-1,3-Dichloropropene	<0.00063		0.0010	0.00063	mg/Kg			10/30/24 10:25	1
1,2,3-Trichlorobenzene	0.000524	J	0.0010	0.00035	mg/Kg			10/30/24 10:25	1

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

Lab Sample ID: MB 500-793009/7
Matrix: Solid
Analysis Batch: 793009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.00031		0.0010	0.00031	mg/Kg			10/30/24 10:25	1
1,1,1-Trichloroethane	<0.00045		0.0010	0.00045	mg/Kg			10/30/24 10:25	1
1,1,2-Trichloroethane	<0.00073		0.0010	0.00073	mg/Kg			10/30/24 10:25	1
Trichloroethene	<0.00015		0.00050	0.00015	mg/Kg			10/30/24 10:25	1
Trichlorofluoromethane	<0.00044		0.0010	0.00044	mg/Kg			10/30/24 10:25	1
1,2,3-Trichloropropane	<0.0015		0.0020	0.0015	mg/Kg			10/30/24 10:25	1
1,2,4-Trimethylbenzene	<0.00030		0.0010	0.00030	mg/Kg			10/30/24 10:25	1
1,3,5-Trimethylbenzene	<0.00029		0.0010	0.00029	mg/Kg			10/30/24 10:25	1
Vinyl chloride	<0.00047		0.0010	0.00047	mg/Kg			10/30/24 10:25	1
Xylenes, Total	<0.00024		0.00050	0.00024	mg/Kg			10/30/24 10:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*10/30/24 10:25*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*10/30/24 10:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/30/24 10:25*	*1*
Toluene-d8 (Surr)	*100*		*75 - 120*		*10/30/24 10:25*	*1*

Lab Sample ID: LCS 500-793009/4
Matrix: Solid
Analysis Batch: 793009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0471		mg/Kg		94	70 - 120
Bromobenzene	0.0500	0.0506		mg/Kg		101	70 - 122
Bromochloromethane	0.0500	0.0492		mg/Kg		98	65 - 122
Bromodichloromethane	0.0500	0.0477		mg/Kg		95	69 - 120
Bromoform	0.0500	0.0488		mg/Kg		98	56 - 132
Bromomethane	0.0500	0.0427		mg/Kg		85	40 - 152
Carbon tetrachloride	0.0500	0.0519		mg/Kg		104	59 - 133
Chlorobenzene	0.0500	0.0493		mg/Kg		99	70 - 120
Chloroethane	0.0500	0.0363		mg/Kg		73	48 - 136
Chloroform	0.0500	0.0458		mg/Kg		92	70 - 120
Chloromethane	0.0500	0.0467		mg/Kg		93	56 - 152
2-Chlorotoluene	0.0500	0.0484		mg/Kg		97	70 - 125
4-Chlorotoluene	0.0500	0.0483		mg/Kg		97	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0479		mg/Kg		96	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0461		mg/Kg		92	64 - 127
Chlorodibromomethane	0.0500	0.0500		mg/Kg		100	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0480		mg/Kg		96	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0506		mg/Kg		101	70 - 125
Dibromomethane	0.0500	0.0488		mg/Kg		98	70 - 120
1,2-Dichlorobenzene	0.0500	0.0501		mg/Kg		100	70 - 125
1,3-Dichlorobenzene	0.0500	0.0490		mg/Kg		98	70 - 125
1,4-Dichlorobenzene	0.0500	0.0477		mg/Kg		95	70 - 120
Dichlorodifluoromethane	0.0500	0.0409		mg/Kg		82	40 - 159
1,1-Dichloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,2-Dichloroethane	0.0500	0.0474		mg/Kg		95	68 - 127
1,1-Dichloroethene	0.0500	0.0494		mg/Kg		99	67 - 122

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

Lab Sample ID: LCS 500-793009/4
Matrix: Solid
Analysis Batch: 793009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	0.0500	0.0470		mg/Kg		94	67 - 130
1,3-Dichloropropane	0.0500	0.0498		mg/Kg		100	62 - 136
2,2-Dichloropropane	0.0500	0.0472		mg/Kg		94	58 - 139
1,1-Dichloropropene	0.0500	0.0489		mg/Kg		98	70 - 121
Ethylbenzene	0.0500	0.0479		mg/Kg		96	70 - 123
Hexachlorobutadiene	0.0500	0.0508		mg/Kg		102	51 - 150
Isopropylbenzene	0.0500	0.0501		mg/Kg		100	70 - 126
Methylene Chloride	0.0500	0.0474		mg/Kg		95	69 - 125
Methyl tert-butyl ether	0.0500	0.0469		mg/Kg		94	55 - 123
Naphthalene	0.0500	0.0486		mg/Kg		97	53 - 144
n-Butylbenzene	0.0500	0.0486		mg/Kg		97	68 - 125
N-Propylbenzene	0.0500	0.0495		mg/Kg		99	69 - 127
p-Isopropyltoluene	0.0500	0.0496		mg/Kg		99	70 - 125
sec-Butylbenzene	0.0500	0.0487		mg/Kg		97	70 - 123
Styrene	0.0500	0.0481		mg/Kg		96	70 - 120
tert-Butylbenzene	0.0500	0.0481		mg/Kg		96	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0494		mg/Kg		99	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0483		mg/Kg		97	62 - 140
Tetrachloroethene	0.0500	0.0531		mg/Kg		106	70 - 128
Toluene	0.0500	0.0442		mg/Kg		88	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0497		mg/Kg		99	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0468		mg/Kg		94	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0622		mg/Kg		124	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0508		mg/Kg		102	57 - 137
1,1,1-Trichloroethane	0.0500	0.0500		mg/Kg		100	70 - 125
1,1,2-Trichloroethane	0.0500	0.0504		mg/Kg		101	71 - 130
Trichloroethene	0.0500	0.0493		mg/Kg		99	70 - 125
Trichlorofluoromethane	0.0500	0.0526		mg/Kg		105	55 - 128
1,2,3-Trichloropropane	0.0500	0.0489		mg/Kg		98	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0483		mg/Kg		97	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0488		mg/Kg		98	70 - 123
Vinyl chloride	0.0500	0.0450		mg/Kg		90	64 - 126
Xylenes, Total	0.100	0.0927		mg/Kg		93	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
Toluene-d8 (Surr)	*100*		*75 - 120*

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00012		0.00025	0.00012	mg/Kg			11/01/24 16:12	1
Bromobenzene	<0.00060		0.0010	0.00060	mg/Kg			11/01/24 16:12	1
Bromochloromethane	<0.00050		0.0010	0.00050	mg/Kg			11/01/24 16:12	1

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

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

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.00057		0.0010	0.00057	mg/Kg			11/01/24 16:12	1
Bromoform	<0.00096		0.0010	0.00096	mg/Kg			11/01/24 16:12	1
Bromomethane	<0.0018		0.0030	0.0018	mg/Kg			11/01/24 16:12	1
Carbon tetrachloride	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
Chlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
Chloroethane	<0.00047		0.0050	0.00047	mg/Kg			11/01/24 16:12	1
Chloroform	<0.00092		0.0020	0.00092	mg/Kg			11/01/24 16:12	1
Chloromethane	<0.00079		0.0050	0.00079	mg/Kg			11/01/24 16:12	1
2-Chlorotoluene	<0.00036		0.0010	0.00036	mg/Kg			11/01/24 16:12	1
4-Chlorotoluene	<0.00034		0.0010	0.00034	mg/Kg			11/01/24 16:12	1
cis-1,2-Dichloroethene	<0.00042		0.0010	0.00042	mg/Kg			11/01/24 16:12	1
cis-1,3-Dichloropropene	<0.00052		0.0010	0.00052	mg/Kg			11/01/24 16:12	1
Chlorodibromomethane	<0.00083		0.0010	0.00083	mg/Kg			11/01/24 16:12	1
1,2-Dibromo-3-Chloropropane	<0.0041		0.0050	0.0041	mg/Kg			11/01/24 16:12	1
1,2-Dibromoethane (EDB)	<0.00056		0.0010	0.00056	mg/Kg			11/01/24 16:12	1
Dibromomethane	<0.00058		0.0010	0.00058	mg/Kg			11/01/24 16:12	1
1,2-Dichlorobenzene	<0.00048		0.0010	0.00048	mg/Kg			11/01/24 16:12	1
1,3-Dichlorobenzene	<0.00041		0.0010	0.00041	mg/Kg			11/01/24 16:12	1
1,4-Dichlorobenzene	<0.00045		0.0010	0.00045	mg/Kg			11/01/24 16:12	1
Dichlorodifluoromethane	<0.0018		0.0030	0.0018	mg/Kg			11/01/24 16:12	1
1,1-Dichloroethane	<0.00036		0.0010	0.00036	mg/Kg			11/01/24 16:12	1
1,2-Dichloroethane	<0.00058		0.0010	0.00058	mg/Kg			11/01/24 16:12	1
1,1-Dichloroethene	<0.00048		0.0010	0.00048	mg/Kg			11/01/24 16:12	1
1,2-Dichloropropane	<0.00037		0.0010	0.00037	mg/Kg			11/01/24 16:12	1
1,3-Dichloropropane	<0.00056		0.0010	0.00056	mg/Kg			11/01/24 16:12	1
2,2-Dichloropropane	<0.00048		0.0050	0.00048	mg/Kg			11/01/24 16:12	1
1,1-Dichloropropene	<0.00033		0.0010	0.00033	mg/Kg			11/01/24 16:12	1
Ethylbenzene	<0.00017		0.00025	0.00017	mg/Kg			11/01/24 16:12	1
Hexachlorobutadiene	<0.00054		0.0010	0.00054	mg/Kg			11/01/24 16:12	1
Isopropylbenzene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
Isopropyl ether	<0.00038		0.0010	0.00038	mg/Kg			11/01/24 16:12	1
Methylene Chloride	<0.0021		0.0050	0.0021	mg/Kg			11/01/24 16:12	1
Methyl tert-butyl ether	<0.00043		0.0010	0.00043	mg/Kg			11/01/24 16:12	1
Naphthalene	0.000571	J	0.0010	0.00044	mg/Kg			11/01/24 16:12	1
n-Butylbenzene	<0.00033		0.0010	0.00033	mg/Kg			11/01/24 16:12	1
N-Propylbenzene	<0.00032		0.0010	0.00032	mg/Kg			11/01/24 16:12	1
p-Isopropyltoluene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
sec-Butylbenzene	<0.00027		0.0010	0.00027	mg/Kg			11/01/24 16:12	1
Styrene	<0.00031		0.0010	0.00031	mg/Kg			11/01/24 16:12	1
tert-Butylbenzene	<0.00026		0.0010	0.00026	mg/Kg			11/01/24 16:12	1
1,1,1,2-Tetrachloroethane	<0.00067		0.0010	0.00067	mg/Kg			11/01/24 16:12	1
1,1,2,2-Tetrachloroethane	<0.00065		0.0010	0.00065	mg/Kg			11/01/24 16:12	1
Tetrachloroethene	<0.00039		0.0010	0.00039	mg/Kg			11/01/24 16:12	1
Toluene	<0.00021		0.00025	0.00021	mg/Kg			11/01/24 16:12	1
trans-1,2-Dichloroethene	<0.00044		0.0010	0.00044	mg/Kg			11/01/24 16:12	1
trans-1,3-Dichloropropene	<0.00063		0.0010	0.00063	mg/Kg			11/01/24 16:12	1
1,2,3-Trichlorobenzene	0.000528	J	0.0010	0.00035	mg/Kg			11/01/24 16:12	1
1,2,4-Trichlorobenzene	0.000516	J	0.0010	0.00031	mg/Kg			11/01/24 16:12	1
1,1,1-Trichloroethane	<0.00045		0.0010	0.00045	mg/Kg			11/01/24 16:12	1

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

Lab Sample ID: MB 500-793536/7
Matrix: Solid
Analysis Batch: 793536

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	<0.00073		0.0010	0.00073	mg/Kg			11/01/24 16:12	1
Trichloroethene	<0.00015		0.00050	0.00015	mg/Kg			11/01/24 16:12	1
Trichlorofluoromethane	<0.00044		0.0010	0.00044	mg/Kg			11/01/24 16:12	1
1,2,3-Trichloropropane	<0.0015		0.0020	0.0015	mg/Kg			11/01/24 16:12	1
1,2,4-Trimethylbenzene	<0.00030		0.0010	0.00030	mg/Kg			11/01/24 16:12	1
1,3,5-Trimethylbenzene	<0.00029		0.0010	0.00029	mg/Kg			11/01/24 16:12	1
Vinyl chloride	<0.00047		0.0010	0.00047	mg/Kg			11/01/24 16:12	1
Xylenes, Total	<0.00024		0.00050	0.00024	mg/Kg			11/01/24 16:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*11/01/24 16:12*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 120*		*11/01/24 16:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*75 - 126*		*11/01/24 16:12*	*1*
Toluene-d8 (Surr)	*110*		*75 - 120*		*11/01/24 16:12*	*1*

Lab Sample ID: LCS 500-793536/3
Matrix: Solid
Analysis Batch: 793536

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.0436		mg/Kg		87	70 - 120
Bromobenzene	0.0500	0.0500		mg/Kg		100	70 - 122
Bromochloromethane	0.0500	0.0434		mg/Kg		87	65 - 122
Bromodichloromethane	0.0500	0.0463		mg/Kg		93	69 - 120
Bromoform	0.0500	0.0386		mg/Kg		77	56 - 132
Bromomethane	0.0500	0.0550		mg/Kg		110	40 - 152
Carbon tetrachloride	0.0500	0.0507		mg/Kg		101	59 - 133
Chlorobenzene	0.0500	0.0501		mg/Kg		100	70 - 120
Chloroethane	0.0500	0.0478		mg/Kg		96	48 - 136
Chloroform	0.0500	0.0416		mg/Kg		83	70 - 120
Chloromethane	0.0500	0.0431		mg/Kg		86	56 - 152
2-Chlorotoluene	0.0500	0.0486		mg/Kg		97	70 - 125
4-Chlorotoluene	0.0500	0.0492		mg/Kg		98	68 - 124
cis-1,2-Dichloroethene	0.0500	0.0449		mg/Kg		90	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0479		mg/Kg		96	64 - 127
Chlorodibromomethane	0.0500	0.0429		mg/Kg		86	68 - 125
1,2-Dibromo-3-Chloropropane	0.0500	0.0355		mg/Kg		71	56 - 123
1,2-Dibromoethane (EDB)	0.0500	0.0424		mg/Kg		85	70 - 125
Dibromomethane	0.0500	0.0441		mg/Kg		88	70 - 120
1,2-Dichlorobenzene	0.0500	0.0486		mg/Kg		97	70 - 125
1,3-Dichlorobenzene	0.0500	0.0493		mg/Kg		99	70 - 125
1,4-Dichlorobenzene	0.0500	0.0476		mg/Kg		95	70 - 120
Dichlorodifluoromethane	0.0500	0.0512		mg/Kg		102	40 - 159
1,1-Dichloroethane	0.0500	0.0448		mg/Kg		90	70 - 125
1,2-Dichloroethane	0.0500	0.0508		mg/Kg		102	68 - 127
1,1-Dichloroethene	0.0500	0.0493		mg/Kg		99	67 - 122
1,2-Dichloropropane	0.0500	0.0443		mg/Kg		89	67 - 130
1,3-Dichloropropane	0.0500	0.0466		mg/Kg		93	62 - 136

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

Lab Sample ID: LCS 500-793536/3
Matrix: Solid
Analysis Batch: 793536

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,2-Dichloropropane	0.0500	0.0545		mg/Kg		109	58 - 139
1,1-Dichloropropene	0.0500	0.0493		mg/Kg		99	70 - 121
Ethylbenzene	0.0500	0.0491		mg/Kg		98	70 - 123
Hexachlorobutadiene	0.0500	0.0587		mg/Kg		117	51 - 150
Isopropylbenzene	0.0500	0.0482		mg/Kg		96	70 - 126
Methylene Chloride	0.0500	0.0437		mg/Kg		87	69 - 125
Methyl tert-butyl ether	0.0500	0.0433		mg/Kg		87	55 - 123
Naphthalene	0.0500	0.0408		mg/Kg		82	53 - 144
n-Butylbenzene	0.0500	0.0529		mg/Kg		106	68 - 125
N-Propylbenzene	0.0500	0.0501		mg/Kg		100	69 - 127
p-Isopropyltoluene	0.0500	0.0513		mg/Kg		103	70 - 125
sec-Butylbenzene	0.0500	0.0513		mg/Kg		103	70 - 123
Styrene	0.0500	0.0466		mg/Kg		93	70 - 120
tert-Butylbenzene	0.0500	0.0514		mg/Kg		103	70 - 121
1,1,1,2-Tetrachloroethane	0.0500	0.0467		mg/Kg		93	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0403		mg/Kg		81	62 - 140
Tetrachloroethene	0.0500	0.0532		mg/Kg		106	70 - 128
Toluene	0.0500	0.0478		mg/Kg		96	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0459		mg/Kg		92	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0453		mg/Kg		91	62 - 128
1,2,3-Trichlorobenzene	0.0500	0.0540		mg/Kg		108	51 - 145
1,2,4-Trichlorobenzene	0.0500	0.0544		mg/Kg		109	57 - 137
1,1,1-Trichloroethane	0.0500	0.0524		mg/Kg		105	70 - 125
1,1,2-Trichloroethane	0.0500	0.0428		mg/Kg		86	71 - 130
Trichloroethene	0.0500	0.0478		mg/Kg		96	70 - 125
Trichlorofluoromethane	0.0500	0.0508		mg/Kg		102	55 - 128
1,2,3-Trichloropropane	0.0500	0.0413		mg/Kg		83	50 - 133
1,2,4-Trimethylbenzene	0.0500	0.0497		mg/Kg		99	70 - 123
1,3,5-Trimethylbenzene	0.0500	0.0509		mg/Kg		102	70 - 123
Vinyl chloride	0.0500	0.0436		mg/Kg		87	64 - 126
Xylenes, Total	0.100	0.0936		mg/Kg		94	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
1,2-Dichloroethane-d4 (Surr)	*109*		*75 - 126*
Toluene-d8 (Surr)	*109*		*75 - 120*

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 320-811771/1-A
Matrix: Solid
Analysis Batch: 812215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 811771

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid (PFOA)	<0.062		0.20	0.062	ug/Kg		11/02/24 07:22	11/05/24 00:07	1
Perfluorooctanesulfonic acid (PFOS)	<0.050		0.20	0.050	ug/Kg		11/02/24 07:22	11/05/24 00:07	1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOA	96.9		40 - 130	11/02/24 07:22	11/05/24 00:07	1
13C8 PFOS	95.3		40 - 130	11/02/24 07:22	11/05/24 00:07	1

Lab Sample ID: LCS 320-811771/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 812215 — **Prep Batch: 811771**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorooctanoic acid (PFOA)			2.50	2.32		ug/Kg		93	70 - 150		
Perfluorooctanesulfonic acid (PFOS)			2.33	2.27		ug/Kg		98	65 - 160		

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C8 PFOA	86.8		40 - 130
13C8 PFOS	84.7		40 - 130

Lab Sample ID: LCSD 320-811771/4-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 812215 — **Prep Batch: 811771**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanoic acid (PFOA)			2.50	2.33		ug/Kg		93	70 - 150	0	30
Perfluorooctanesulfonic acid (PFOS)			2.33	2.14		ug/Kg		92	65 - 160	6	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
13C8 PFOA	91.3		40 - 130
13C8 PFOS	85.0		40 - 130

Lab Sample ID: LLCS 320-811771/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 812215 — **Prep Batch: 811771**

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorooctanoic acid (PFOA)			0.400	0.337		ug/Kg		84	70 - 150		
Perfluorooctanesulfonic acid (PFOS)			0.372	0.334		ug/Kg		90	65 - 160		

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C8 PFOA	91.3		40 - 130
13C8 PFOS	90.1		40 - 130

Lab Chronicle

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Client Sample ID: WC-Bin1A-101724
Lab Sample ID: 500-259138-1
Date Collected: 10/17/24 11:10
Matrix: Solid
Date Received: 10/26/24 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	793105	DG	EET CHI	10/30/24 11:13

Client Sample ID: WC-Bin1A-101724
Lab Sample ID: 500-259138-1
Date Collected: 10/17/24 11:10
Matrix: Solid
Date Received: 10/26/24 10:15
Percent Solids: 54.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			792527	WRE	EET CHI	10/17/24 11:10
Total/NA	Analysis	8260D		50	793009	SW1	EET CHI	10/30/24 16:40
Total/NA	Prep	1633 Shake			811771	MKC	EET SAC	11/02/24 07:22
Total/NA	Analysis	1633		1	812215	C1P	EET SAC	11/05/24 05:55

Client Sample ID: WC-Bin1B-101724
Lab Sample ID: 500-259138-2
Date Collected: 10/17/24 11:10
Matrix: Solid
Date Received: 10/26/24 10:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	793105	DG	EET CHI	10/30/24 11:13

Client Sample ID: WC-Bin1B-101724
Lab Sample ID: 500-259138-2
Date Collected: 10/17/24 11:10
Matrix: Solid
Date Received: 10/26/24 10:15
Percent Solids: 55.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			792527	WRE	EET CHI	10/17/24 11:10
Total/NA	Analysis	8260D		50	793009	SW1	EET CHI	10/30/24 17:03
Total/NA	Prep	1633 Shake			811771	MKC	EET SAC	11/02/24 07:22
Total/NA	Analysis	1633		1	812215	C1P	EET SAC	11/05/24 06:08

Laboratory References:

EET CHI = Eurofins Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Endpoint Solutions Corp
Job ID: 500-259138-1
Project/Site: FTC - 415-006-004-002

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-25

Laboratory: Eurofins Sacramento

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	998204680	08-31-25

Address Eurofins Brookfield

Chain of Custody Record 727588

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kirk K	Site Contact: Kirk K	Date:	COC No
Company Name: Endpoint Solutions	Tel/Email: Kirk@endpointcorporate.com	Lab Contact: Sandra F	Carrier:	1 of 4 COCs
Address: 6871 S Lovers Lane	Analysis Turnaround Time			Sampler
City/State/Zip: Franklin WI 53132	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 414 427 1200	TAT if different from Below			Walk-in Client
Fax:	☐ 2 weeks			Lab Sampling
Project Name:	☐ 1 week Std			
Site: FTC	☐ 2 days			Job / SDG No: 500-259138
P O #: 415-006-004-002	☐ 1 day			

500-259138 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	PFOA/PFOS	VOC	Sample Specific Notes
1	WC-Bin1A-101724	10/17/24	1110	C	S	3			X	X	
2	WC-Bin1B-101724	10/17/24	1110	C	S	3			X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

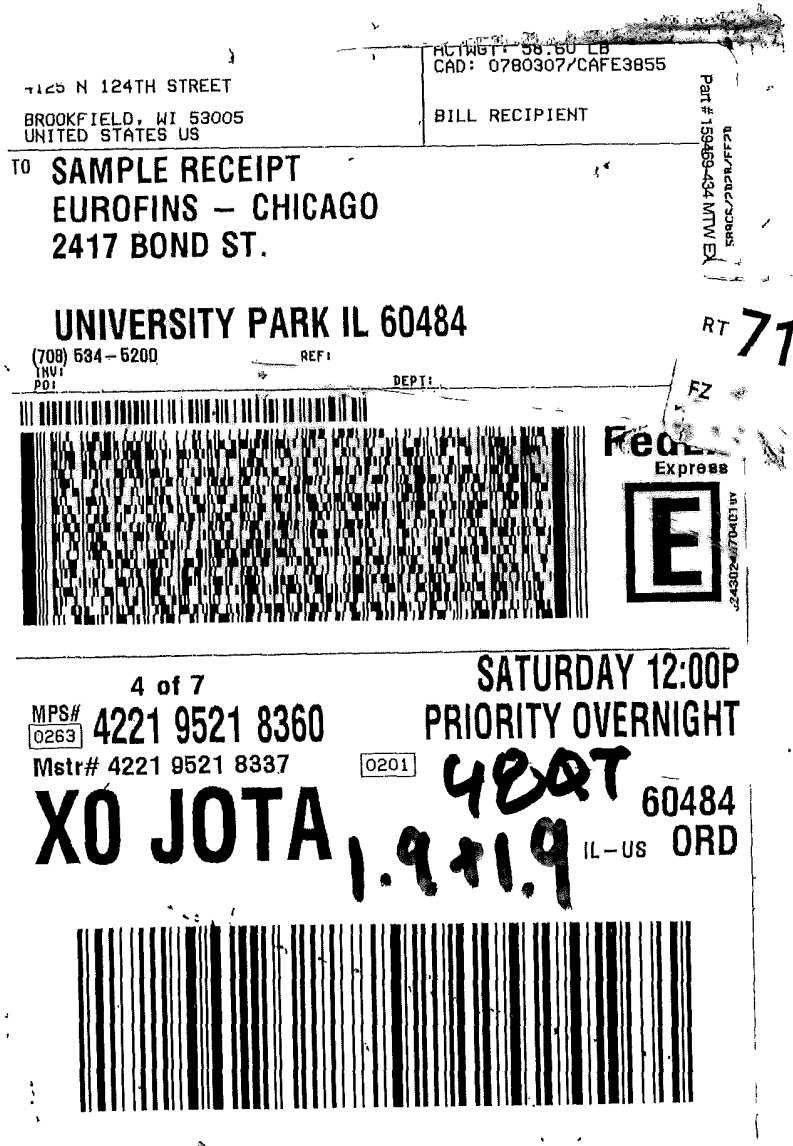
Special Instructions/QC Requirements & Comments:

1.9+1.9

Custody Seals Intact ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

	Company	Date/Time		Company	Date/Time
Relinquished by	Endpoint	10/25	Received by	Eurofins	10/25/24 1144
Relinquished by	Eurofins 10/25/24	1630	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by: Stephanie Hernandez	Company: EETA	Date/Time: 10/26/24 1015

11/11/2024



500-259138 Waybi

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fredrick, Sandie	Carrier Tracking No(s): N/A	COC No: 500-194457 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Sandra.Fredrick@et.eurofinsus.com	State of Origin: Wisconsin	Page: Page 1 of 1
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State Wisconsin		Job #: 500-259138-1
Address: 880 Riverside Parkway	Due Date Requested: 11/11/2024			
City: West Sacramento	TAT Requested (days): N/A			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: FTC 415-006-004-002	Project #: 50016218			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633_Final/1633_Shake 1633 PFOA/PFOS Only	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WC-Bin1A-101724 (500-259138-1)	10/17/24	11 10 Central	G	Solid			X	1	
WC-Bin1B-101724 (500-259138-2)	10/17/24	11 10 Central	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Chicago places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Chicago laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Chicago attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Chicago.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Relinquished by: S.H. Date/Time: 10/28/24 1400

Received by: Date/Time: 10/29/24 0925 Company EE Bee

Custody Seals Intact:	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
Δ Yes Δ No	2585182	1.5°-

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 500-259138-1

Login Number: 259138
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Endpoint Solutions Corp

Job Number: 500-259138-1

Login Number: 259138
List Number: 2
Creator: Oropeza, Salvador

List Source: Eurofins Sacramento
List Creation: 10/29/24 01:02 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	2585182
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Isotope Dilution Summary

Client: Endpoint Solutions Corp
Project/Site: FTC - 415-006-004-002

Job ID: 500-259138-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	C8PFOA (40-130)	C8PFOS (40-130)
500-259138-1	WC-Bin1A-101724	77.8	73.6
500-259138-2	WC-Bin1B-101724	87.6	79.7
LCS 320-811771/3-A	Lab Control Sample	86.8	84.7
LCSD 320-811771/4-A	Lab Control Sample Dup	91.3	85.0
LLCS 320-811771/2-A	Lab Control Sample	91.3	90.1
MB 320-811771/1-A	Method Blank	96.9	95.3

Surrogate Legend

C8PFOA = 13C8 PFOA
C8PFOS = 13C8 PFOS