284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

DATA PACKAGE

SUB - DATA

PROJECT NAME : REAC COMMODORE

TECHLAW CONSULTANTS, INC

14840 Conference Center Dr.

Suite #200

Chantily, VA - 20151

Phone No: 703-818-3205

ORDER ID : Q1364

ATTENTION : Jonathan Dziekan

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q1364

Project ID : REAC Commodore

Client : TechLaw Consultants, Inc

Lab Sample Number	Client Sample Number
Q1364-01	MW-30D-021125
Q1364-02	EB-01-021125
Q1364-03	MW-33D-021225
Q1364-04	MW-33D-021225MS
Q1364-05	MW-33D-021225MSD
Q1364-06	VFCC-2-021225
Q1364-07	VFCC-3-021225
Q1364-08	MW-33S-021225
Q1364-09	MW-33S-FD-021225
Q1364-10	EB-02-021225

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 3/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Yazmeen Gomez
Chemtech Consulting Group Inc.
284 Sheffield Street
Mountainside, New Jersey 07092

Generated 3/11/2025 10:30:56 AM Revision 1

JOB DESCRIPTION

Q1364

JOB NUMBER

410-207884-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
3/11/2025 10:30:56 AM
Revision 1

Authorized for release by
Elizabeth Anthony, Project Mgmt. Assistant
elizabeth.anthony@et.eurofinsus.com
Designee for
Barbara Weyandt, Project Manager
Barbara.Weyandt@et.eurofinsus.com
(717)556-7264

Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Table of Contents

Definitions/Glossary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Qualifiers

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
cn	Refer to Case Narrative for further detail
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

Job Narrative
410-207884-1

REVISION

The report being provided is a revision of the original report sent on 2/19/2025. The report (revision 1) is being revised due to a client request to update some sample IDs and collection time.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 2/14/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

PFAS
Method 1633_Final: Samples MW-30D-021125 (410-207884-1), MW-33D-021225 (410-207884-3), MW-33D-021225MS (410-207884-3[MS]), MW-33D-021225MSD (410-207884-3[MSD]), VFCC-2-021225 (410-207884-4), VFCC-3-021225 (410-207884-5), MW-33S-021225 (410-207884-6) and MW-33S-FD-021225 (410-207884-7) were submitted in a nonstandard container.

Method 1633_Final: Samples(s) EB-01-021125 (410-207884-2) and EB-02-021225 (410-207884-8) were submitted in a nonstandard container and subsampling was required.

Method 1633_Final: The method blank labeled isotope(s) 13C5 PFPeA, 13C5 PFHxA, 13C4 PFHpA, 13C7 PFUnA, 13C2 PFTeDA and 13C3 HFPO-DA recovery associated with samples: MW-30D-021125 (410-207884-1), EB-01-021125 (410-207884-2), MW-33D-021225 (410-207884-3), MW-33D-021225MS (410-207884-3[MS]), MW-33D-021225MSD (410-207884-3[MSD]), VFCC-2-021225 (410-207884-4), VFCC-3-021225 (410-207884-5), MW-33S-021225 (410-207884-6), MW-33S-FD-021225 (410-207884-7) and EB-02-021225 (410-207884-8) is outside the QC acceptance limits. Since the method blank is ND for the analyte, data is reported.

Method 1633_Final: Analyte Perfluoroheptanesulfonic acid was marked as non-detect for sample MW-30D-021125 (410-207884-1) due to a detection below RL and failing ion ratio.

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

Detection Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-30D-021125 — Lab Sample ID: 410-207884-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	7.0		3.5	0.97	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	11		1.8	0.53	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	12		1.8	0.44	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid	11		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	46		1.8	0.80	ng/L	1		1633	Total/NA
Perfluorononanoic acid	9.0		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorodecanoic acid	0.97	J	1.8	0.44	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	3.5		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	3.9		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	76		1.8	0.44	ng/L	1		1633	Total/NA
HFPO-DA	0.71	J	1.8	0.66	ng/L	1		1633	Total/NA

Client Sample ID: EB-01-021125 — Lab Sample ID: 410-207884-2

No Detections.

Client Sample ID: MW-33D-021225 — Lab Sample ID: 410-207884-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	6.1		3.5	0.97	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	12		1.8	0.53	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	10		1.8	0.44	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid	7.1		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	15		1.8	0.80	ng/L	1		1633	Total/NA
Perfluorononanoic acid	8.1		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorodecanoic acid	1.2	J	1.8	0.44	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	2.9		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	3.6		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	14		1.8	0.44	ng/L	1		1633	Total/NA
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.9	J	3.5	0.88	ng/L	1		1633	Total/NA

Client Sample ID: VFCC-2-021225 — Lab Sample ID: 410-207884-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.6		3.6	0.98	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	9.0		1.8	0.54	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	7.4		1.8	0.45	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid	6.1		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	19		1.8	0.80	ng/L	1		1633	Total/NA
Perfluorononanoic acid	4.9		1.8	0.45	ng/L	1		1633	Total/NA
Perfluorodecanoic acid	0.78	J	1.8	0.45	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	2.9		1.8	0.45	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	4.1		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	55		1.8	0.45	ng/L	1		1633	Total/NA
HFPO-DA	0.92	J	1.8	0.67	ng/L	1		1633	Total/NA

Client Sample ID: VFCC-3-021225 — Lab Sample ID: 410-207884-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	5.4		3.6	0.98	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	9.0		1.8	0.54	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	8.2		1.8	0.45	ng/L	1		1633	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VFCC-3-021225 (Continued) — Lab Sample ID: 410-207884-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroheptanoic acid	5.8		1.8	0.72	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	22		1.8	0.81	ng/L	1		1633	Total/NA
Perfluorononanoic acid	6.8		1.8	0.45	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	2.7		1.8	0.45	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	2.7		1.8	0.72	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	26		1.8	0.45	ng/L	1		1633	Total/NA

Client Sample ID: MW-33S-021225 — Lab Sample ID: 410-207884-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	8.1		3.5	0.98	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	15		1.8	0.53	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	12		1.8	0.44	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid	7.1		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	15		1.8	0.80	ng/L	1		1633	Total/NA
Perfluorononanoic acid	7.5		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorodecanoic acid	1.5	J	1.8	0.44	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	4.1		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	3.4		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	11		1.8	0.44	ng/L	1		1633	Total/NA

Client Sample ID: MW-33S-FD-021225 — Lab Sample ID: 410-207884-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	8.2		3.5	0.97	ng/L	1		1633	Total/NA
Perfluoropentanoic acid	14		1.8	0.53	ng/L	1		1633	Total/NA
Perfluorohexanoic acid	12		1.8	0.44	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid	6.6		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanoic acid	14		1.8	0.80	ng/L	1		1633	Total/NA
Perfluorononanoic acid	7.3		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorodecanoic acid	1.2	J	1.8	0.44	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid	4.0		1.8	0.44	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid	3.7		1.8	0.71	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid	11		1.8	0.44	ng/L	1		1633	Total/NA

Client Sample ID: EB-02-021225 — Lab Sample ID: 410-207884-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-30D-021125
Date Collected: 02/11/25 14:30
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**7.0**		3.5	0.97	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoropentanoic acid	**11**		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorohexanoic acid	**12**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoroheptanoic acid	**11**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorooctanoic acid	**46**		1.8	0.80	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorononanoic acid	**9.0**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorodecanoic acid	**0.97**	**J**	1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorobutanesulfonic acid	**3.5**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoropentanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorohexanesulfonic acid	**3.9**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoroheptanesulfonic acid	ND	cn	0.90	0.90	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorooctanesulfonic acid	**76**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorononanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorodecanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 17:47	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 17:47	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 17:47	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluorooctanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
NMeFOSA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
NMeFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
NEtFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 17:47	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 17:47	1
HFPO-DA	**0.71**	**J**	1.8	0.66	ng/L		02/17/25 10:23	02/17/25 17:47	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
PFEESA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 17:47	1
3:3 FTCA	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 17:47	1
5:3 FTCA	ND		8.8	2.5	ng/L		02/17/25 10:23	02/17/25 17:47	1
7:3 FTCA	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 17:47	1

Client Sample ID: MW-30D-021125

Lab Sample ID: 410-207884-1

Date Collected: 02/11/25 14:30

Matrix: Water

Date Received: 02/14/25 09:45

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	83.2		5 - 130	02/17/25 10:23	02/17/25 17:47	1
13C5 PFPeA	109	cn	40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C5 PFHxA	105	cn	40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C4 PFHpA	105	cn	40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C8 PFOA	75.1		40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C9 PFNA	72.7		40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C6 PFDA	73.5		40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C7 PFUnA	79.9	cn	30 - 130	02/17/25 10:23	02/17/25 17:47	1
13C2 PFTeDA	77.3	cn	10 - 130	02/17/25 10:23	02/17/25 17:47	1
13C3 PFBS	81.9		40 - 135	02/17/25 10:23	02/17/25 17:47	1
13C3 PFHxS	74.1		40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C8 PFOS	85.8		40 - 130	02/17/25 10:23	02/17/25 17:47	1
13C8 FOSA	84.6		40 - 130	02/17/25 10:23	02/17/25 17:47	1
d3-NMeFOSAA	82.4		40 - 170	02/17/25 10:23	02/17/25 17:47	1
d5-NEtFOSAA	86.9		25 - 135	02/17/25 10:23	02/17/25 17:47	1
M2-4:2 FTS	73.9		40 - 200	02/17/25 10:23	02/17/25 17:47	1
M2-6:2 FTS	68.8		40 - 200	02/17/25 10:23	02/17/25 17:47	1
M2-8:2 FTS	69.6		40 - 300	02/17/25 10:23	02/17/25 17:47	1
13C3 HFPO-DA	105	cn	40 - 130	02/17/25 10:23	02/17/25 17:47	1
d7-N-MeFOSE-M	83.6		10 - 130	02/17/25 10:23	02/17/25 17:47	1
d9-N-EtFOSE-M	79.8		10 - 130	02/17/25 10:23	02/17/25 17:47	1
d5-NEtPFOSA	58.9		10 - 130	02/17/25 10:23	02/17/25 17:47	1
d3-NMePFOSA	58.5		10 - 130	02/17/25 10:23	02/17/25 17:47	1
13C2 PFDoA	73.9		10 - 130	02/17/25 10:23	02/17/25 17:47	1

Client Sample ID: EB-01-021125

Lab Sample ID: 410-207884-2

Date Collected: 02/11/25 18:00

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	ND		3.8	1.0	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoropentanoic acid	ND		1.9	0.57	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorohexanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoroheptanoic acid	ND		1.9	0.76	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorooctanoic acid	ND		1.9	0.85	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorononanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorodecanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoroundecanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorododecanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorotridecanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorotetradecanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorobutanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoropentanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorohexanesulfonic acid	ND		1.9	0.76	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoroheptanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorooctanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorononanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorodecanesulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.9	0.57	ng/L		02/17/25 10:23	02/17/25 18:01	1

Client Sample ID: EB-01-021125
Date Collected: 02/11/25 18:00
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.8	0.94	ng/L		02/17/25 10:23	02/17/25 18:01	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.8	0.94	ng/L		02/17/25 10:23	02/17/25 18:01	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.8	0.94	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluorooctanesulfonamide	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
NMeFOSA	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
NMeFOSAA	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
NEtFOSAA	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		9.4	2.4	ng/L		02/17/25 10:23	02/17/25 18:01	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		9.4	2.4	ng/L		02/17/25 10:23	02/17/25 18:01	1
HFPO-DA	ND		1.9	0.71	ng/L		02/17/25 10:23	02/17/25 18:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoro-3-methoxypropanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoro(4-methoxybutanoic acid)	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
PFEESA	ND		1.9	0.47	ng/L		02/17/25 10:23	02/17/25 18:01	1
3:3 FTCA	ND		3.8	0.94	ng/L		02/17/25 10:23	02/17/25 18:01	1
5:3 FTCA	ND		9.4	2.6	ng/L		02/17/25 10:23	02/17/25 18:01	1
7:3 FTCA	ND		9.4	2.4	ng/L		02/17/25 10:23	02/17/25 18:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.3*		*5 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C5 PFPeA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C5 PFHxA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C4 PFHpA	*108*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C8 PFOA	*77.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C9 PFNA	*78.0*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C6 PFDA	*85.5*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C7 PFUnA	*92.3*	*cn*	*30 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C2 PFTeDA	*80.8*	*cn*	*10 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C3 PFBS	*80.8*		*40 - 135*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C3 PFHxS	*76.5*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C8 PFOS	*93.8*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C8 FOSA	*80.4*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
d3-NMeFOSAA	*88.6*		*40 - 170*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
d5-NEtFOSAA	*92.3*		*25 - 135*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
M2-4:2 FTS	*70.3*		*40 - 200*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
M2-6:2 FTS	*71.8*		*40 - 200*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
M2-8:2 FTS	*70.3*		*40 - 300*	*02/17/25 10:23*	*02/17/25 18:01*	*1*
13C3 HFPO-DA	*107*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:01*	*1*

Client Sample ID: EB-01-021125

Lab Sample ID: 410-207884-2

Date Collected: 02/11/25 18:00

Matrix: Water

Date Received: 02/14/25 09:45

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d7-N-MeFOSE-M	81.8		10 - 130	02/17/25 10:23	02/17/25 18:01	1
d9-N-EtFOSE-M	79.1		10 - 130	02/17/25 10:23	02/17/25 18:01	1
d5-NEtPFOSA	55.1		10 - 130	02/17/25 10:23	02/17/25 18:01	1
d3-NMePFOSA	53.1		10 - 130	02/17/25 10:23	02/17/25 18:01	1
13C2 PFDoA	85.3		10 - 130	02/17/25 10:23	02/17/25 18:01	1

Client Sample ID: MW-33D-021225

Lab Sample ID: 410-207884-3

Date Collected: 02/12/25 11:45

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**6.1**		3.5	0.97	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoropentanoic acid	**12**		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorohexanoic acid	**10**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoroheptanoic acid	**7.1**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorooctanoic acid	**15**		1.8	0.80	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorononanoic acid	**8.1**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorodecanoic acid	**1.2**	**J**	1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorobutanesulfonic acid	**2.9**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoropentanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorohexanesulfonic acid	**3.6**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoroheptanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorooctanesulfonic acid	**14**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorononanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorodecanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 18:15	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 18:15	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	**2.9**	**J**	3.5	0.88	ng/L		02/17/25 10:23	02/17/25 18:15	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluorooctanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
NMeFOSA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
NMeFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
NEtFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 18:15	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 18:15	1
HFPO-DA	ND		1.8	0.66	ng/L		02/17/25 10:23	02/17/25 18:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1

Client Sample ID: MW-33D-021225

Lab Sample ID: 410-207884-3

Date Collected: 02/12/25 11:45

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
PFEESA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 18:15	1
3:3 FTCA	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 18:15	1
5:3 FTCA	ND		8.8	2.5	ng/L		02/17/25 10:23	02/17/25 18:15	1
7:3 FTCA	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 18:15	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*85.0*		*5 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C5 PFPeA	*99.4*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C5 PFHxA	*104*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C4 PFHpA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C8 PFOA	*74.1*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C9 PFNA	*80.0*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C6 PFDA	*78.8*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C7 PFUnA	*87.9*	*cn*	*30 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C2 PFTeDA	*78.3*	*cn*	*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C3 PFBS	*86.8*		*40 - 135*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C3 PFHxS	*82.7*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C8 PFOS	*86.7*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C8 FOSA	*77.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d3-NMeFOSAA	*85.8*		*40 - 170*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d5-NEtFOSAA	*89.1*		*25 - 135*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
M2-4:2 FTS	*78.2*		*40 - 200*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
M2-6:2 FTS	*65.9*		*40 - 200*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
M2-8:2 FTS	*72.8*		*40 - 300*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C3 HFPO-DA	*106*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d7-N-MeFOSE-M	*82.6*		*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d9-N-EtFOSE-M	*83.8*		*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d5-NEtPFOSA	*56.9*		*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
d3-NMePFOSA	*56.2*		*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*
13C2 PFDoA	*81.7*		*10 - 130*	*02/17/25 10:23*	*02/17/25 18:15*	*1*

Client Sample ID: VFCC-2-021225

Lab Sample ID: 410-207884-4

Date Collected: 02/12/25 13:40

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**5.6**		3.6	0.98	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoropentanoic acid	**9.0**		1.8	0.54	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorohexanoic acid	**7.4**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoroheptanoic acid	**6.1**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorooctanoic acid	**19**		1.8	0.80	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorononanoic acid	**4.9**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorodecanoic acid	**0.78**	**J**	1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1

Client Sample ID: VFCC-2-021225
Date Collected: 02/12/25 13:40
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorobutanesulfonic acid	**2.9**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoropentanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorohexanesulfonic acid	**4.1**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoroheptanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorooctanesulfonic acid	**55**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorononanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorodecanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.54	ng/L		02/17/25 10:23	02/17/25 18:55	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 18:55	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 18:55	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluorooctanesulfonamide	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
NMeFOSA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
NMeFOSAA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
NEtFOSAA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 18:55	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 18:55	1
HFPO-DA	**0.92**	**J**	1.8	0.67	ng/L		02/17/25 10:23	02/17/25 18:55	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
PFEESA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 18:55	1
3:3 FTCA	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 18:55	1
5:3 FTCA	ND		8.9	2.5	ng/L		02/17/25 10:23	02/17/25 18:55	1
7:3 FTCA	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 18:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.6*		*5 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C5 PFPeA	*107*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C5 PFHxA	*109*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C4 PFHpA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C8 PFOA	*76.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C9 PFNA	*77.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*
13C6 PFDA	*80.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 18:55*	*1*

Client Sample ID: VFCC-2-021225

Lab Sample ID: 410-207884-4

Date Collected: 02/12/25 13:40

Matrix: Water

Date Received: 02/14/25 09:45

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	85.1	cn	30 - 130	02/17/25 10:23	02/17/25 18:55	1
13C2 PFTeDA	77.0	cn	10 - 130	02/17/25 10:23	02/17/25 18:55	1
13C3 PFBS	87.9		40 - 135	02/17/25 10:23	02/17/25 18:55	1
13C3 PFHxS	79.2		40 - 130	02/17/25 10:23	02/17/25 18:55	1
13C8 PFOS	90.6		40 - 130	02/17/25 10:23	02/17/25 18:55	1
13C8 FOSA	84.7		40 - 130	02/17/25 10:23	02/17/25 18:55	1
d3-NMeFOSAA	88.7		40 - 170	02/17/25 10:23	02/17/25 18:55	1
d5-NEtFOSAA	90.7		25 - 135	02/17/25 10:23	02/17/25 18:55	1
M2-4:2 FTS	69.5		40 - 200	02/17/25 10:23	02/17/25 18:55	1
M2-6:2 FTS	68.8		40 - 200	02/17/25 10:23	02/17/25 18:55	1
M2-8:2 FTS	69.4		40 - 300	02/17/25 10:23	02/17/25 18:55	1
13C3 HFPO-DA	103	cn	40 - 130	02/17/25 10:23	02/17/25 18:55	1
d7-N-MeFOSE-M	89.7		10 - 130	02/17/25 10:23	02/17/25 18:55	1
d9-N-EtFOSE-M	88.7		10 - 130	02/17/25 10:23	02/17/25 18:55	1
d5-NEtPFOSA	57.7		10 - 130	02/17/25 10:23	02/17/25 18:55	1
d3-NMePFOSA	56.8		10 - 130	02/17/25 10:23	02/17/25 18:55	1
13C2 PFDoA	75.3		10 - 130	02/17/25 10:23	02/17/25 18:55	1

Client Sample ID: VFCC-3-021225

Lab Sample ID: 410-207884-5

Date Collected: 02/12/25 13:20

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**5.4**		3.6	0.98	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoropentanoic acid	**9.0**		1.8	0.54	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorohexanoic acid	**8.2**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoroheptanoic acid	**5.8**		1.8	0.72	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorooctanoic acid	**22**		1.8	0.81	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorononanoic acid	**6.8**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorodecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorobutanesulfonic acid	**2.7**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoropentanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorohexanesulfonic acid	**2.7**		1.8	0.72	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoroheptanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorooctanesulfonic acid	**26**		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorononanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorodecanesulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.54	ng/L		02/17/25 10:23	02/17/25 19:09	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 19:09	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 19:09	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluorooctanesulfonamide	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: VFCC-3-021225
Date Collected: 02/12/25 13:20
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
NMeFOSAA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
NEtFOSAA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:09	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:09	1
HFPO-DA	ND		1.8	0.67	ng/L		02/17/25 10:23	02/17/25 19:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
PFEESA	ND		1.8	0.45	ng/L		02/17/25 10:23	02/17/25 19:09	1
3:3 FTCA	ND		3.6	0.89	ng/L		02/17/25 10:23	02/17/25 19:09	1
5:3 FTCA	ND		8.9	2.5	ng/L		02/17/25 10:23	02/17/25 19:09	1
7:3 FTCA	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*79.3*		*5 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C5 PFPeA	*100*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C5 PFHxA	*98.5*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C4 PFHpA	*102*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C8 PFOA	*76.4*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C9 PFNA	*73.7*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C6 PFDA	*70.6*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C7 PFUnA	*76.5*	*cn*	*30 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C2 PFTeDA	*73.0*	*cn*	*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C3 PFBS	*76.5*		*40 - 135*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C3 PFHxS	*77.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C8 PFOS	*81.7*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C8 FOSA	*73.0*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d3-NMeFOSAA	*82.5*		*40 - 170*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d5-NEtFOSAA	*81.4*		*25 - 135*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
M2-4:2 FTS	*66.7*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
M2-6:2 FTS	*55.9*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
M2-8:2 FTS	*63.3*		*40 - 300*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C3 HFPO-DA	*108*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d7-N-MeFOSE-M	*81.6*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d9-N-EtFOSE-M	*77.7*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d5-NEtPFOSA	*54.3*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
d3-NMePFOSA	*53.8*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*
13C2 PFDoA	*72.9*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:09*	*1*

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-33S-021225
Date Collected: 02/12/25 14:35
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**8.1**		3.5	0.98	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoropentanoic acid	**15**		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorohexanoic acid	**12**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoroheptanoic acid	**7.1**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorooctanoic acid	**15**		1.8	0.80	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorononanoic acid	**7.5**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorodecanoic acid	**1.5**	**J**	1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorobutanesulfonic acid	**4.1**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoropentanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorohexanesulfonic acid	**3.4**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoroheptanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorooctanesulfonic acid	**11**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorononanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorodecanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 19:22	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.5	0.89	ng/L		02/17/25 10:23	02/17/25 19:22	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.5	0.89	ng/L		02/17/25 10:23	02/17/25 19:22	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.5	0.89	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluorooctanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
NMeFOSA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
NMeFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
NEtFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:22	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:22	1
HFPO-DA	ND		1.8	0.66	ng/L		02/17/25 10:23	02/17/25 19:22	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
PFEESA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:22	1
3:3 FTCA	ND		3.5	0.89	ng/L		02/17/25 10:23	02/17/25 19:22	1
5:3 FTCA	ND		8.9	2.5	ng/L		02/17/25 10:23	02/17/25 19:22	1
7:3 FTCA	ND		8.9	2.2	ng/L		02/17/25 10:23	02/17/25 19:22	1

Client Sample ID: MW-33S-021225

Lab Sample ID: 410-207884-6

Date Collected: 02/12/25 14:35

Matrix: Water

Date Received: 02/14/25 09:45

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	90.7		5 - 130	02/17/25 10:23	02/17/25 19:22	1
13C5 PFPeA	117	cn	40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C5 PFHxA	112	cn	40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C4 PFHpA	121	cn	40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C8 PFOA	84.5		40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C9 PFNA	79.7		40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C6 PFDA	78.7		40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C7 PFUnA	84.2	cn	30 - 130	02/17/25 10:23	02/17/25 19:22	1
13C2 PFTeDA	79.3	cn	10 - 130	02/17/25 10:23	02/17/25 19:22	1
13C3 PFBS	87.0		40 - 135	02/17/25 10:23	02/17/25 19:22	1
13C3 PFHxS	80.9		40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C8 PFOS	93.3		40 - 130	02/17/25 10:23	02/17/25 19:22	1
13C8 FOSA	81.5		40 - 130	02/17/25 10:23	02/17/25 19:22	1
d3-NMeFOSAA	84.4		40 - 170	02/17/25 10:23	02/17/25 19:22	1
d5-NEtFOSAA	85.2		25 - 135	02/17/25 10:23	02/17/25 19:22	1
M2-4:2 FTS	73.9		40 - 200	02/17/25 10:23	02/17/25 19:22	1
M2-6:2 FTS	71.6		40 - 200	02/17/25 10:23	02/17/25 19:22	1
M2-8:2 FTS	66.5		40 - 300	02/17/25 10:23	02/17/25 19:22	1
13C3 HFPO-DA	118	cn	40 - 130	02/17/25 10:23	02/17/25 19:22	1
d7-N-MeFOSE-M	87.6		10 - 130	02/17/25 10:23	02/17/25 19:22	1
d9-N-EtFOSE-M	86.3		10 - 130	02/17/25 10:23	02/17/25 19:22	1
d5-NEtPFOSA	61.8		10 - 130	02/17/25 10:23	02/17/25 19:22	1
d3-NMePFOSA	62.6		10 - 130	02/17/25 10:23	02/17/25 19:22	1
13C2 PFDoA	82.0		10 - 130	02/17/25 10:23	02/17/25 19:22	1

Client Sample ID: MW-33S-FD-021225

Lab Sample ID: 410-207884-7

Date Collected: 02/12/25 14:35

Matrix: Water

Date Received: 02/14/25 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	**8.2**		3.5	0.97	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoropentanoic acid	**14**		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorohexanoic acid	**12**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoroheptanoic acid	**6.6**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorooctanoic acid	**14**		1.8	0.80	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorononanoic acid	**7.3**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorodecanoic acid	**1.2**	**J**	1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorobutanesulfonic acid	**4.0**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoropentanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorohexanesulfonic acid	**3.7**		1.8	0.71	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoroheptanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorooctanesulfonic acid	**11**		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorononanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorodecanesulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.53	ng/L		02/17/25 10:23	02/17/25 19:36	1

Client Sample ID: MW-33S-FD-021225
Date Collected: 02/12/25 14:35
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 19:36	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 19:36	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluorooctanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
NMeFOSA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
NMeFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
NEtFOSAA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 19:36	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 19:36	1
HFPO-DA	ND		1.8	0.66	ng/L		02/17/25 10:23	02/17/25 19:36	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
PFEESA	ND		1.8	0.44	ng/L		02/17/25 10:23	02/17/25 19:36	1
3:3 FTCA	ND		3.5	0.88	ng/L		02/17/25 10:23	02/17/25 19:36	1
5:3 FTCA	ND		8.8	2.5	ng/L		02/17/25 10:23	02/17/25 19:36	1
7:3 FTCA	ND		8.8	2.2	ng/L		02/17/25 10:23	02/17/25 19:36	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*83.1*		*5 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C5 PFPeA	*106*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C5 PFHxA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C4 PFHpA	*104*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C8 PFOA	*77.6*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C9 PFNA	*73.5*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C6 PFDA	*78.2*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C7 PFUnA	*82.4*	*cn*	*30 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C2 PFTeDA	*77.6*	*cn*	*10 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C3 PFBS	*84.2*		*40 - 135*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C3 PFHxS	*76.6*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C8 PFOS	*83.1*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C8 FOSA	*73.3*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
d3-NMeFOSAA	*69.3*		*40 - 170*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
d5-NEtFOSAA	*77.6*		*25 - 135*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
M2-4:2 FTS	*67.5*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
M2-6:2 FTS	*64.5*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
M2-8:2 FTS	*63.2*		*40 - 300*	*02/17/25 10:23*	*02/17/25 19:36*	*1*
13C3 HFPO-DA	*102*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:36*	*1*

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-33S-FD-021225

Lab Sample ID: 410-207884-7

Date Collected: 02/12/25 14:35
Date Received: 02/14/25 09:45

Matrix: Water

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d7-N-MeFOSE-M	77.6		10 - 130	02/17/25 10:23	02/17/25 19:36	1
d9-N-EtFOSE-M	75.8		10 - 130	02/17/25 10:23	02/17/25 19:36	1
d5-NEtPFOSA	53.5		10 - 130	02/17/25 10:23	02/17/25 19:36	1
d3-NMePFOSA	53.4		10 - 130	02/17/25 10:23	02/17/25 19:36	1
13C2 PFDoA	77.0		10 - 130	02/17/25 10:23	02/17/25 19:36	1

Client Sample ID: EB-02-021225

Lab Sample ID: 410-207884-8

Date Collected: 02/12/25 15:06
Date Received: 02/14/25 09:45

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	ND		3.7	1.0	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoropentanoic acid	ND		1.8	0.55	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorohexanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoroheptanoic acid	ND		1.8	0.74	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorooctanoic acid	ND		1.8	0.83	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorononanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorodecanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoroundecanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorobutanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoropentanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorohexanesulfonic acid	ND		1.8	0.74	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoroheptanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorooctanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorononanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorodecanesulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorododecanesulfonic acid (PFDoS)	ND		1.8	0.55	ng/L		02/17/25 10:23	02/17/25 19:50	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		3.7	0.92	ng/L		02/17/25 10:23	02/17/25 19:50	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		3.7	0.92	ng/L		02/17/25 10:23	02/17/25 19:50	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		3.7	0.92	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluorooctanesulfonamide	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
NMeFOSA	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
N-ethylperfluoro-1-octanesulfonamide	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
NMeFOSAA	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
NEtFOSAA	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		9.2	2.3	ng/L		02/17/25 10:23	02/17/25 19:50	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		9.2	2.3	ng/L		02/17/25 10:23	02/17/25 19:50	1
HFPO-DA	ND		1.8	0.69	ng/L		02/17/25 10:23	02/17/25 19:50	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: EB-02-021225
Date Collected: 02/12/25 15:06
Date Received: 02/14/25 09:45

Lab Sample ID: 410-207884-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro-3-methoxypropanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoro(4-methoxybutanoic acid)	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
Perfluoro-3,6-dioxaheptanoic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
PFEESA	ND		1.8	0.46	ng/L		02/17/25 10:23	02/17/25 19:50	1
3:3 FTCA	ND		3.7	0.92	ng/L		02/17/25 10:23	02/17/25 19:50	1
5:3 FTCA	ND		9.2	2.6	ng/L		02/17/25 10:23	02/17/25 19:50	1
7:3 FTCA	ND		9.2	2.3	ng/L		02/17/25 10:23	02/17/25 19:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*84.5*		*5 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C5 PFPeA	*107*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C5 PFHxA	*100*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C4 PFHpA	*103*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C8 PFOA	*80.1*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C9 PFNA	*75.0*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C6 PFDA	*80.1*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C7 PFUnA	*93.5*	*cn*	*30 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C2 PFTeDA	*69.0*	*cn*	*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C3 PFBS	*90.2*		*40 - 135*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C3 PFHxS	*88.6*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C8 PFOS	*89.3*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C8 FOSA	*84.8*		*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d3-NMeFOSAA	*98.3*		*40 - 170*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d5-NEtFOSAA	*94.0*		*25 - 135*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
M2-4:2 FTS	*78.3*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
M2-6:2 FTS	*109*		*40 - 200*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
M2-8:2 FTS	*91.8*		*40 - 300*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C3 HFPO-DA	*105*	*cn*	*40 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d7-N-MeFOSE-M	*88.3*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d9-N-EtFOSE-M	*88.6*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d5-NEtPFOSA	*68.5*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
d3-NMePFOSA	*67.4*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*
13C2 PFDoA	*94.7*		*10 - 130*	*02/17/25 10:23*	*02/17/25 19:50*	*1*

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (5-130)	PFPeA (40-130)	13C5PHA (40-130)	C4PFHA (40-130)	C8PFOA (40-130)	C9PFNA (40-130)	C6PFDA (40-130)	13C7PUA (30-130)
410-207884-1	MW-30D-021125	83.2	109 cn	105 cn	105 cn	75.1	72.7	73.5	79.9 cn
410-207884-2	EB-01-021125	85.3	103 cn	103 cn	108 cn	77.2	78.0	85.5	92.3 cn
410-207884-3	MW-33D-021225	85.0	99.4 cn	104 cn	103 cn	74.1	80.0	78.8	87.9 cn
410-207884-3 MS	MW-33D-021225MS	81.9	100 cn	105 cn	99.6 cn	76.2	73.5	75.7	82.9 cn
410-207884-3 MSD	MW-33D-021225MSD	81.8	111 cn	110 cn	107 cn	77.1	72.0	78.2	87.0 cn
410-207884-4	VFCC-2-021225	84.6	107 cn	109 cn	103 cn	76.2	77.2	80.2	85.1 cn
410-207884-5	VFCC-3-021225	79.3	100 cn	98.5 cn	102 cn	76.4	73.7	70.6	76.5 cn
410-207884-6	MW-33S-021225	90.7	117 cn	112 cn	121 cn	84.5	79.7	78.7	84.2 cn
410-207884-7	MW-33S-FD-021225	83.1	106 cn	103 cn	104 cn	77.6	73.5	78.2	82.4 cn
410-207884-8	EB-02-021225	84.5	107 cn	100 cn	103 cn	80.1	75.0	80.1	93.5 cn
LCS 410-606716/2-A	Lab Control Sample	90.3	106	107	115	83.1	79.5	84.5	88.6
LLCS 410-606716/3-A	Lab Control Sample	89.3	107	108	111	79.6	79.9	84.6	90.2
MB 410-606716/1-A	Method Blank	120	144 *5+	137 *5+	156 *5+	105	107	114	131 *5+

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (40-135)	C3PFHS (40-130)	C8PFOS (40-130)	PFOSA (40-130)	d3NMFOS (40-170)	d5NEFOS (25-135)	M242FTS (40-200)
410-207884-1	MW-30D-021125	77.3 cn	81.9	74.1	85.8	84.6	82.4	86.9	73.9
410-207884-2	EB-01-021125	80.8 cn	80.8	76.5	93.8	80.4	88.6	92.3	70.3
410-207884-3	MW-33D-021225	78.3 cn	86.8	82.7	86.7	77.2	85.8	89.1	78.2
410-207884-3 MS	MW-33D-021225MS	77.4 cn	80.9	77.0	85.4	75.8	79.4	80.7	70.4
410-207884-3 MSD	MW-33D-021225MSD	80.8 cn	80.5	76.8	92.5	76.1	77.1	83.3	67.8
410-207884-4	VFCC-2-021225	77.0 cn	87.9	79.2	90.6	84.7	88.7	90.7	69.5
410-207884-5	VFCC-3-021225	73.0 cn	76.5	77.2	81.7	73.0	82.5	81.4	66.7
410-207884-6	MW-33S-021225	79.3 cn	87.0	80.9	93.3	81.5	84.4	85.2	73.9
410-207884-7	MW-33S-FD-021225	77.6 cn	84.2	76.6	83.1	73.3	69.3	77.6	67.5
410-207884-8	EB-02-021225	69.0 cn	90.2	88.6	89.3	84.8	98.3	94.0	78.3
LCS 410-606716/2-A	Lab Control Sample	85.2	91.6	86.4	99.3	80.3	92.9	95.2	80.8
LLCS 410-606716/3-A	Lab Control Sample	86.6	94.6	83.6	92.2	74.6	92.1	91.6	81.6
MB 410-606716/1-A	Method Blank	131 *5+	124	112	123	111	119	120	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (40-200)	M282FTS (40-300)	HFPODA (40-130)	NMFM (10-130)	NEFM (10-130)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDoA (10-130)
410-207884-1	MW-30D-021125	68.8	69.6	105 cn	83.6	79.8	58.9	58.5	73.9
410-207884-2	EB-01-021125	71.8	70.3	107 cn	81.8	79.1	55.1	53.1	85.3
410-207884-3	MW-33D-021225	65.9	72.8	106 cn	82.6	83.8	56.9	56.2	81.7
410-207884-3 MS	MW-33D-021225MS	66.1	66.1	96.1 cn	79.1	79.0	50.9	53.7	76.0
410-207884-3 MSD	MW-33D-021225MSD	64.4	65.6	107 cn	81.7	84.1	71.2	68.3	75.6
410-207884-4	VFCC-2-021225	68.8	69.4	103 cn	89.7	88.7	57.7	56.8	75.3
410-207884-5	VFCC-3-021225	55.9	63.3	108 cn	81.6	77.7	54.3	53.8	72.9
410-207884-6	MW-33S-021225	71.6	66.5	118 cn	87.6	86.3	61.8	62.6	82.0
410-207884-7	MW-33S-FD-021225	64.5	63.2	102 cn	77.6	75.8	53.5	53.4	77.0
410-207884-8	EB-02-021225	109	91.8	105 cn	88.3	88.6	68.5	67.4	94.7
LCS 410-606716/2-A	Lab Control Sample	79.4	81.2	109	85.7	84.5	55.7	55.0	84.1
LLCS 410-606716/3-A	Lab Control Sample	80.6	79.7	108	79.3	77.7	51.9	51.0	84.4
MB 410-606716/1-A	Method Blank	101	107	138 *5+	114	112	78.0	81.2	123

Surrogate Legend

PFBA = 13C4 PFBA

PFPeA = 13C5 PFPeA

Isotope Dilution Summary

Client: Chemtech Consulting Group Inc.
Job ID: 410-207884-1
Project/Site: Q1364

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M242FTS = M2-4:2 FTS
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
HFPODA = 13C3 HFPO-DA
NMFM = d7-N-MeFOSE-M
NEFM = d9-N-EtFOSE-M
d5NPFSA = d5-NEtPFOSA
d3NMFSA = d3-NMePFOSA
PFDoA = 13C2 PFDoA

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

Lab Sample ID: MB 410-606716/1-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	ND		4.0	1.1	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoropentanoic acid	ND		2.0	0.60	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorohexanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoroheptanoic acid	ND		2.0	0.80	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorooctanoic acid	ND		2.0	0.90	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoropentanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorohexanesulfonic acid	ND		2.0	0.80	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoroheptanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorooctanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorononanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorodecanesulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorododecanesulfonic acid (PFDoS)	ND		2.0	0.60	ng/L		02/17/25 10:23	02/17/25 17:06	1
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		4.0	1.0	ng/L		02/17/25 10:23	02/17/25 17:06	1
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	ND		4.0	1.0	ng/L		02/17/25 10:23	02/17/25 17:06	1
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		4.0	1.0	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluorooctanesulfonamide	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
NMeFOSA	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
N-ethylperfluoro-1-octanesulfonamide	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
NMeFOSAA	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
NEtFOSAA	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		10	2.5	ng/L		02/17/25 10:23	02/17/25 17:06	1
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		10	2.5	ng/L		02/17/25 10:23	02/17/25 17:06	1
HFPO-DA	ND		2.0	0.75	ng/L		02/17/25 10:23	02/17/25 17:06	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoro-3-methoxypropanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoro(4-methoxybutanoic acid)	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
Perfluoro-3,6-dioxaheptanoic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
PFEESA	ND		2.0	0.50	ng/L		02/17/25 10:23	02/17/25 17:06	1
3:3 FTCA	ND		4.0	1.0	ng/L		02/17/25 10:23	02/17/25 17:06	1
5:3 FTCA	ND		10	2.8	ng/L		02/17/25 10:23	02/17/25 17:06	1
7:3 FTCA	ND		10	2.5	ng/L		02/17/25 10:23	02/17/25 17:06	1

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

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	120		5 - 130	02/17/25 10:23	02/17/25 17:06	1
13C5 PFPeA	144	*5+	40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C5 PFHxA	137	*5+	40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C4 PFHpA	156	*5+	40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C8 PFOA	105		40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C9 PFNA	107		40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C6 PFDA	114		40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C7 PFUnA	131	*5+	30 - 130	02/17/25 10:23	02/17/25 17:06	1
13C2 PFTeDA	131	*5+	10 - 130	02/17/25 10:23	02/17/25 17:06	1
13C3 PFBS	124		40 - 135	02/17/25 10:23	02/17/25 17:06	1
13C3 PFHxS	112		40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C8 PFOS	123		40 - 130	02/17/25 10:23	02/17/25 17:06	1
13C8 FOSA	111		40 - 130	02/17/25 10:23	02/17/25 17:06	1
d3-NMeFOSAA	119		40 - 170	02/17/25 10:23	02/17/25 17:06	1
d5-NEtFOSAA	120		25 - 135	02/17/25 10:23	02/17/25 17:06	1
M2-4:2 FTS	103		40 - 200	02/17/25 10:23	02/17/25 17:06	1
M2-6:2 FTS	101		40 - 200	02/17/25 10:23	02/17/25 17:06	1
M2-8:2 FTS	107		40 - 300	02/17/25 10:23	02/17/25 17:06	1
13C3 HFPO-DA	138	*5+	40 - 130	02/17/25 10:23	02/17/25 17:06	1
d7-N-MeFOSE-M	114		10 - 130	02/17/25 10:23	02/17/25 17:06	1
d9-N-EtFOSE-M	112		10 - 130	02/17/25 10:23	02/17/25 17:06	1
d5-NEtPFOSA	78.0		10 - 130	02/17/25 10:23	02/17/25 17:06	1
d3-NMePFOSA	81.2		10 - 130	02/17/25 10:23	02/17/25 17:06	1
13C2 PFDoA	123		10 - 130	02/17/25 10:23	02/17/25 17:06	1

Lab Sample ID: LCS 410-606716/2-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid	80.0	83.9		ng/L		105	70 - 140
Perfluoropentanoic acid	40.0	44.7		ng/L		112	65 - 135
Perfluorohexanoic acid	40.0	44.8		ng/L		112	70 - 145
Perfluoroheptanoic acid	40.0	44.8		ng/L		112	70 - 150
Perfluorooctanoic acid	40.0	46.1		ng/L		115	70 - 150
Perfluorononanoic acid	40.0	42.0		ng/L		105	70 - 150
Perfluorodecanoic acid	40.0	43.1		ng/L		108	70 - 140
Perfluoroundecanoic acid	40.0	38.5		ng/L		96	70 - 145
Perfluorododecanoic acid	40.0	42.2		ng/L		105	70 - 140
Perfluorotridecanoic acid	40.0	38.1		ng/L		95	65 - 140
Perfluorotetradecanoic acid	40.0	44.0		ng/L		110	60 - 140
Perfluorobutanesulfonic acid	35.5	40.0		ng/L		113	60 - 145
Perfluoropentanesulfonic acid	37.6	40.8		ng/L		109	65 - 140
Perfluorohexanesulfonic acid	36.5	43.0		ng/L		118	65 - 145
Perfluoroheptanesulfonic acid	38.2	38.7		ng/L		102	70 - 150
Perfluorooctanesulfonic acid	37.2	36.0		ng/L		97	55 - 150
Perfluorononanesulfonic acid	38.5	39.6		ng/L		103	65 - 145
Perfluorodecanesulfonic acid	38.6	40.2		ng/L		104	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	38.8	38.8		ng/L		100	50 - 145
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	74.7	82.5		ng/L		110	70 - 145

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

Lab Sample ID: LCS 410-606716/2-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	75.8	74.0		ng/L		98	65 - 155
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	76.6	82.6		ng/L		108	60 - 150
Perfluorooctanesulfonamide	40.0	42.9		ng/L		107	70 - 145
NMeFOSA	40.0	46.0		ng/L		115	60 - 150
N-ethylperfluoro-1-octanesulfonamide	40.0	44.3		ng/L		111	65 - 145
NMeFOSAA	40.0	37.0		ng/L		92	50 - 140
NEtFOSAA	40.0	39.9		ng/L		100	70 - 145
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	200	212		ng/L		106	70 - 145
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	200	203		ng/L		102	70 - 135
HFPO-DA	30.0	34.4		ng/L		115	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	37.8	34.0		ng/L		90	65 - 145
Perfluoro-3-methoxypropanoic acid	40.0	41.4		ng/L		104	55 - 140
Perfluoro(4-methoxybutanoic acid)	40.0	43.4		ng/L		109	60 - 150
Perfluoro-3,6-dioxaheptanoic acid	40.0	42.8		ng/L		107	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	37.4	42.8		ng/L		114	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	37.8	41.9		ng/L		111	55 - 160
PFEESA	35.7	35.7		ng/L		100	70 - 140
3:3 FTCA	80.0	83.1		ng/L		104	65 - 130
5:3 FTCA	200	180		ng/L		90	70 - 135
7:3 FTCA	200	143		ng/L		72	50 - 145

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C4 PFBA	*90.3*		*5 - 130*
13C5 PFPeA	*106*		*40 - 130*
13C5 PFHxA	*107*		*40 - 130*
13C4 PFHpA	*115*		*40 - 130*
13C8 PFOA	*83.1*		*40 - 130*
13C9 PFNA	*79.5*		*40 - 130*
13C6 PFDA	*84.5*		*40 - 130*
13C7 PFUnA	*88.6*		*30 - 130*
13C2 PFTeDA	*85.2*		*10 - 130*
13C3 PFBS	*91.6*		*40 - 135*
13C3 PFHxS	*86.4*		*40 - 130*
13C8 PFOS	*99.3*		*40 - 130*
13C8 FOSA	*80.3*		*40 - 130*
d3-NMeFOSAA	*92.9*		*40 - 170*
d5-NEtFOSAA	*95.2*		*25 - 135*
M2-4:2 FTS	*80.8*		*40 - 200*
M2-6:2 FTS	*79.4*		*40 - 200*

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

Lab Sample ID: LCS 410-606716/2-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606716

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-8:2 FTS	*81.2*		*40 - 300*
13C3 HFPO-DA	*109*		*40 - 130*
d7-N-MeFOSE-M	*85.7*		*10 - 130*
d9-N-EtFOSE-M	*84.5*		*10 - 130*
d5-NEtPFOSA	*55.7*		*10 - 130*
d3-NMePFOSA	*55.0*		*10 - 130*
13C2 PFDoA	*84.1*		*10 - 130*

Lab Sample ID: LLCS 410-606716/3-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid	8.00	8.92		ng/L		112	70 - 140
Perfluoropentanoic acid	4.00	5.05		ng/L		126	65 - 135
Perfluorohexanoic acid	4.00	4.95		ng/L		124	70 - 145
Perfluoroheptanoic acid	4.00	4.90		ng/L		122	70 - 150
Perfluorooctanoic acid	4.00	4.62		ng/L		116	70 - 150
Perfluorononanoic acid	4.00	5.28		ng/L		132	70 - 150
Perfluorodecanoic acid	4.00	4.77		ng/L		119	70 - 140
Perfluoroundecanoic acid	4.00	4.61		ng/L		115	70 - 145
Perfluorododecanoic acid	4.00	4.39		ng/L		110	70 - 140
Perfluorotridecanoic acid	4.00	4.13		ng/L		103	65 - 140
Perfluorotetradecanoic acid	4.00	4.57		ng/L		114	60 - 140
Perfluorobutanesulfonic acid	3.55	4.17		ng/L		117	60 - 145
Perfluoropentanesulfonic acid	3.76	4.65		ng/L		124	65 - 140
Perfluorohexanesulfonic acid	3.65	5.13		ng/L		141	65 - 145
Perfluoroheptanesulfonic acid	3.82	3.90		ng/L		102	70 - 150
Perfluorooctanesulfonic acid	3.72	4.00		ng/L		108	55 - 150
Perfluorononanesulfonic acid	3.85	4.36		ng/L		113	65 - 145
Perfluorodecanesulfonic acid	3.86	4.45		ng/L		115	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.88	3.80		ng/L		98	50 - 145
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	7.47	8.18		ng/L		110	70 - 145
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	7.58	8.67		ng/L		114	65 - 155
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	7.66	8.52		ng/L		111	60 - 150
Perfluorooctanesulfonamide	4.00	4.55		ng/L		114	70 - 145
NMeFOSA	4.00	4.84		ng/L		121	60 - 150
N-ethylperfluoro-1-octanesulfonamide	4.00	4.65		ng/L		116	65 - 145
NMeFOSAA	4.00	4.38		ng/L		109	50 - 140
NEtFOSAA	4.00	4.13		ng/L		103	70 - 145
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	20.0	23.2		ng/L		116	70 - 145
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	20.0	23.9		ng/L		119	70 - 135

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

Lab Sample ID: LLCS 410-606716/3-A
Matrix: Water
Analysis Batch: 606840

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
HFPO-DA	3.00	3.76		ng/L		125	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	4.40		ng/L		116	65 - 145
Perfluoro-3-methoxypropanoic acid	4.00	4.40		ng/L		110	55 - 140
Perfluoro(4-methoxybutanoic acid)	4.00	4.55		ng/L		114	60 - 150
Perfluoro-3,6-dioxaheptanoic acid	4.00	4.19		ng/L		105	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	3.74	4.55		ng/L		122	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	3.78	4.56		ng/L		121	55 - 160
PFEESA	3.56	3.96		ng/L		111	70 - 140
3:3 FTCA	8.00	7.95		ng/L		99	65 - 130
5:3 FTCA	20.0	18.9		ng/L		94	70 - 135
7:3 FTCA	20.0	15.8		ng/L		79	50 - 145

Isotope Dilution	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C4 PFBA	*89.3*		*5 - 130*
13C5 PFPeA	*107*		*40 - 130*
13C5 PFHxA	*108*		*40 - 130*
13C4 PFHpA	*111*		*40 - 130*
13C8 PFOA	*79.6*		*40 - 130*
13C9 PFNA	*79.9*		*40 - 130*
13C6 PFDA	*84.6*		*40 - 130*
13C7 PFUnA	*90.2*		*30 - 130*
13C2 PFTeDA	*86.6*		*10 - 130*
13C3 PFBS	*94.6*		*40 - 135*
13C3 PFHxS	*83.6*		*40 - 130*
13C8 PFOS	*92.2*		*40 - 130*
13C8 FOSA	*74.6*		*40 - 130*
d3-NMeFOSAA	*92.1*		*40 - 170*
d5-NEtFOSAA	*91.6*		*25 - 135*
M2-4:2 FTS	*81.6*		*40 - 200*
M2-6:2 FTS	*80.6*		*40 - 200*
M2-8:2 FTS	*79.7*		*40 - 300*
13C3 HFPO-DA	*108*		*40 - 130*
d7-N-MeFOSE-M	*79.3*		*10 - 130*
d9-N-EtFOSE-M	*77.7*		*10 - 130*
d5-NEtPFOSA	*51.9*		*10 - 130*
d3-NMePFOSA	*51.0*		*10 - 130*
13C2 PFDoA	*84.4*		*10 - 130*

Lab Sample ID: 410-207884-3 MS
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MS
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid	6.1		70.3	85.6		ng/L		113	70 - 140

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

Lab Sample ID: 410-207884-3 MS
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MS
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanoic acid	12		35.2	50.2		ng/L		109	65 - 135
Perfluorohexanoic acid	10		35.2	45.6		ng/L		100	70 - 145
Perfluoroheptanoic acid	7.1		35.2	45.9		ng/L		110	70 - 150
Perfluorooctanoic acid	15		35.2	54.9		ng/L		112	70 - 150
Perfluorononanoic acid	8.1		35.2	47.3		ng/L		112	70 - 150
Perfluorodecanoic acid	1.2	J	35.2	40.5		ng/L		112	70 - 140
Perfluoroundecanoic acid	ND		35.2	36.9		ng/L		105	70 - 145
Perfluorododecanoic acid	ND		35.2	39.5		ng/L		112	70 - 140
Perfluorotridecanoic acid	ND		35.2	35.8		ng/L		102	65 - 140
Perfluorotetradecanoic acid	ND		35.2	39.8		ng/L		113	60 - 140
Perfluorobutanesulfonic acid	2.9		31.2	38.5		ng/L		114	60 - 145
Perfluoropentanesulfonic acid	ND		33.1	36.8		ng/L		111	65 - 140
Perfluorohexanesulfonic acid	3.6		32.1	40.9		ng/L		116	65 - 145
Perfluoroheptanesulfonic acid	ND		33.5	34.6		ng/L		103	70 - 150
Perfluorooctanesulfonic acid	14		32.7	49.3		ng/L		108	55 - 150
Perfluorononanesulfonic acid	ND		33.8	36.1		ng/L		107	65 - 145
Perfluorodecanesulfonic acid	ND		33.9	37.6		ng/L		111	60 - 145
Perfluorododecanesulfonic acid (PFDoS)	ND		34.1	35.8		ng/L		105	50 - 145
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		65.7	79.3		ng/L		121	70 - 145
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.9	J	66.7	76.1		ng/L		110	65 - 155
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		67.4	74.3		ng/L		110	60 - 150
Perfluorooctanesulfonamide	ND		35.2	37.3		ng/L		106	70 - 145
NMeFOSA	ND		35.2	37.5		ng/L		107	60 - 150
N-ethylperfluoro-1-octanesulfonamide	ND		35.2	39.8		ng/L		113	65 - 145
NMeFOSAA	ND		35.2	35.4		ng/L		101	50 - 140
NEtFOSAA	ND		35.2	38.5		ng/L		110	70 - 145
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		176	184		ng/L		105	70 - 145
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		176	179		ng/L		102	70 - 135
HFPO-DA	ND		26.4	32.3		ng/L		122	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		33.3	32.0		ng/L		96	65 - 145
Perfluoro-3-methoxypropanoic acid	ND		35.2	39.5		ng/L		112	55 - 140
Perfluoro(4-methoxybutanoic acid)	ND		35.2	38.1		ng/L		108	60 - 150
Perfluoro-3,6-dioxaheptanoic acid	ND		35.2	37.4		ng/L		106	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		32.8	39.4		ng/L		120	70 - 155
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		33.2	39.9		ng/L		120	55 - 160
PFEESA	ND		31.4	31.9		ng/L		102	70 - 140
3:3 FTCA	ND		70.3	73.6		ng/L		105	65 - 130

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

Lab Sample ID: 410-207884-3 MS
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MS
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
5:3 FTCA	ND		176	169		ng/L		96	70 - 135
7:3 FTCA	ND		176	152		ng/L		87	50 - 145

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
13C4 PFBA	*81.9*		*5 - 130*
13C5 PFPeA	*100*	*cn*	*40 - 130*
13C5 PFHxA	*105*	*cn*	*40 - 130*
13C4 PFHpA	*99.6*	*cn*	*40 - 130*
13C8 PFOA	*76.2*		*40 - 130*
13C9 PFNA	*73.5*		*40 - 130*
13C6 PFDA	*75.7*		*40 - 130*
13C7 PFUnA	*82.9*	*cn*	*30 - 130*
13C2 PFTeDA	*77.4*	*cn*	*10 - 130*
13C3 PFBS	*80.9*		*40 - 135*
13C3 PFHxS	*77.0*		*40 - 130*
13C8 PFOS	*85.4*		*40 - 130*
13C8 FOSA	*75.8*		*40 - 130*
d3-NMeFOSAA	*79.4*		*40 - 170*
d5-NEtFOSAA	*80.7*		*25 - 135*
M2-4:2 FTS	*70.4*		*40 - 200*
M2-6:2 FTS	*66.1*		*40 - 200*
M2-8:2 FTS	*66.1*		*40 - 300*
13C3 HFPO-DA	*96.1*	*cn*	*40 - 130*
d7-N-MeFOSE-M	*79.1*		*10 - 130*
d9-N-EtFOSE-M	*79.0*		*10 - 130*
d5-NEtPFOSA	*50.9*		*10 - 130*
d3-NMePFOSA	*53.7*		*10 - 130*
13C2 PFDoA	*76.0*		*10 - 130*

Lab Sample ID: 410-207884-3 MSD
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MSD
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid	6.1		70.4	80.0		ng/L		105	70 - 140	7	30
Perfluoropentanoic acid	12		35.2	50.5		ng/L		110	65 - 135	1	30
Perfluorohexanoic acid	10		35.2	46.3		ng/L		102	70 - 145	2	30
Perfluoroheptanoic acid	7.1		35.2	47.4		ng/L		114	70 - 150	3	30
Perfluorooctanoic acid	15		35.2	53.4		ng/L		108	70 - 150	3	30
Perfluorononanoic acid	8.1		35.2	49.0		ng/L		116	70 - 150	4	30
Perfluorodecanoic acid	1.2	J	35.2	37.9		ng/L		104	70 - 140	7	30
Perfluoroundecanoic acid	ND		35.2	35.8		ng/L		102	70 - 145	3	30
Perfluorododecanoic acid	ND		35.2	39.0		ng/L		111	70 - 140	1	30
Perfluorotridecanoic acid	ND		35.2	37.7		ng/L		107	65 - 140	5	30
Perfluorotetradecanoic acid	ND		35.2	39.7		ng/L		113	60 - 140	0	30
Perfluorobutanesulfonic acid	2.9		31.2	38.6		ng/L		114	60 - 145	0	30
Perfluoropentanesulfonic acid	ND		33.1	36.1		ng/L		109	65 - 140	2	30
Perfluorohexanesulfonic acid	3.6		32.1	42.7		ng/L		122	65 - 145	4	30
Perfluoroheptanesulfonic acid	ND		33.6	33.2		ng/L		99	70 - 150	4	30

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

Lab Sample ID: 410-207884-3 MSD
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MSD
Prep Type: Total/NA
Prep Batch: 606716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonic acid	14		32.7	42.4		ng/L		87	55 - 150	15	30
Perfluorononanesulfonic acid	ND		33.8	33.1		ng/L		98	65 - 145	9	30
Perfluorodecanesulfonic acid	ND		33.9	32.2		ng/L		95	60 - 145	15	30
Perfluorododecanesulfonic acid (PFDoS)	ND		34.1	32.3		ng/L		95	50 - 145	10	30
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)	ND		65.7	77.0		ng/L		117	70 - 145	3	30
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)	2.9	J	66.7	75.0		ng/L		108	65 - 155	1	30
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)	ND		67.4	76.2		ng/L		113	60 - 150	3	30
Perfluorooctanesulfonamide	ND		35.2	36.5		ng/L		104	70 - 145	2	30
NMeFOSA	ND		35.2	37.4		ng/L		106	60 - 150	0	30
N-ethylperfluoro-1-octanesulfonamide	ND		35.2	35.4		ng/L		100	65 - 145	12	30
NMeFOSAA	ND		35.2	37.0		ng/L		105	50 - 140	5	30
NEtFOSAA	ND		35.2	37.8		ng/L		107	70 - 145	2	30
2-(N-methylperfluoro-1-octanesulfonamido) ethanol	ND		176	182		ng/L		104	70 - 145	1	30
2-(N-ethylperfluoro-1-octanesulfonamido) ethanol	ND		176	169		ng/L		96	70 - 135	6	30
HFPO-DA	ND		26.4	29.8		ng/L		113	70 - 140	8	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		33.3	31.2		ng/L		94	65 - 145	3	30
Perfluoro-3-methoxypropanoic acid	ND		35.2	36.3		ng/L		103	55 - 140	9	30
Perfluoro(4-methoxybutanoic acid)	ND		35.2	36.5		ng/L		104	60 - 150	4	30
Perfluoro-3,6-dioxaheptanoic acid	ND		35.2	36.4		ng/L		103	50 - 150	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ND		32.9	38.9		ng/L		118	70 - 155	1	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ND		33.2	38.0		ng/L		115	55 - 160	5	30
PFEESA	ND		31.4	33.3		ng/L		106	70 - 140	4	30
3:3 FTCA	ND		70.4	68.8		ng/L		98	65 - 130	7	30
5:3 FTCA	ND		176	162		ng/L		92	70 - 135	4	30
7:3 FTCA	ND		176	151		ng/L		86	50 - 145	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C4 PFBA	*81.8*		*5 - 130*
13C5 PFPeA	*111*	*cn*	*40 - 130*
13C5 PFHxA	*110*	*cn*	*40 - 130*
13C4 PFHpA	*107*	*cn*	*40 - 130*
13C8 PFOA	*77.1*		*40 - 130*
13C9 PFNA	*72.0*		*40 - 130*
13C6 PFDA	*78.2*		*40 - 130*
13C7 PFUnA	*87.0*	*cn*	*30 - 130*
13C2 PFTeDA	*80.8*	*cn*	*10 - 130*
13C3 PFBS	*80.5*		*40 - 135*

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

Lab Sample ID: 410-207884-3 MSD
Matrix: Water
Analysis Batch: 606840

Client Sample ID: MW-33D-021225MSD
Prep Type: Total/NA
Prep Batch: 606716

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C3 PFHxS	76.8		40 - 130
13C8 PFOS	92.5		40 - 130
13C8 FOSA	76.1		40 - 130
d3-NMeFOSAA	77.1		40 - 170
d5-NEtFOSAA	83.3		25 - 135
M2-4:2 FTS	67.8		40 - 200
M2-6:2 FTS	64.4		40 - 200
M2-8:2 FTS	65.6		40 - 300
13C3 HFPO-DA	107	cn	40 - 130
d7-N-MeFOSE-M	81.7		10 - 130
d9-N-EtFOSE-M	84.1		10 - 130
d5-NEtPFOSA	71.2		10 - 130
d3-NMePFOSA	68.3		10 - 130
13C2 PFDoA	75.6		10 - 130

QC Association Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

LCMS

Prep Batch: 606716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-207884-1	MW-30D-021125	Total/NA	Water	1633	
410-207884-2	EB-01-021125	Total/NA	Water	1633	
410-207884-3	MW-33D-021225	Total/NA	Water	1633	
410-207884-4	VFCC-2-021225	Total/NA	Water	1633	
410-207884-5	VFCC-3-021225	Total/NA	Water	1633	
410-207884-6	MW-33S-021225	Total/NA	Water	1633	
410-207884-7	MW-33S-FD-021225	Total/NA	Water	1633	
410-207884-8	EB-02-021225	Total/NA	Water	1633	
MB 410-606716/1-A	Method Blank	Total/NA	Water	1633	
LCS 410-606716/2-A	Lab Control Sample	Total/NA	Water	1633	
LLCS 410-606716/3-A	Lab Control Sample	Total/NA	Water	1633	
410-207884-3 MS	MW-33D-021225MS	Total/NA	Water	1633	
410-207884-3 MSD	MW-33D-021225MSD	Total/NA	Water	1633	

Analysis Batch: 606840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-207884-1	MW-30D-021125	Total/NA	Water	1633	606716
410-207884-2	EB-01-021125	Total/NA	Water	1633	606716
410-207884-3	MW-33D-021225	Total/NA	Water	1633	606716
410-207884-4	VFCC-2-021225	Total/NA	Water	1633	606716
410-207884-5	VFCC-3-021225	Total/NA	Water	1633	606716
410-207884-6	MW-33S-021225	Total/NA	Water	1633	606716
410-207884-7	MW-33S-FD-021225	Total/NA	Water	1633	606716
410-207884-8	EB-02-021225	Total/NA	Water	1633	606716
MB 410-606716/1-A	Method Blank	Total/NA	Water	1633	606716
LCS 410-606716/2-A	Lab Control Sample	Total/NA	Water	1633	606716
LLCS 410-606716/3-A	Lab Control Sample	Total/NA	Water	1633	606716
410-207884-3 MS	MW-33D-021225MS	Total/NA	Water	1633	606716
410-207884-3 MSD	MW-33D-021225MSD	Total/NA	Water	1633	606716

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-30D-021125
Lab Sample ID: 410-207884-1
Date Collected: 02/11/25 14:30
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 17:47

Client Sample ID: EB-01-021125
Lab Sample ID: 410-207884-2
Date Collected: 02/11/25 18:00
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 18:01

Client Sample ID: MW-33D-021225
Lab Sample ID: 410-207884-3
Date Collected: 02/12/25 11:45
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 18:15

Client Sample ID: VFCC-2-021225
Lab Sample ID: 410-207884-4
Date Collected: 02/12/25 13:40
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 18:55

Client Sample ID: VFCC-3-021225
Lab Sample ID: 410-207884-5
Date Collected: 02/12/25 13:20
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 19:09

Client Sample ID: MW-33S-021225
Lab Sample ID: 410-207884-6
Date Collected: 02/12/25 14:35
Matrix: Water
Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 19:22

Lab Chronicle

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Client Sample ID: MW-33S-FD-021225

Lab Sample ID: 410-207884-7

Date Collected: 02/12/25 14:35

Matrix: Water

Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 19:36

Client Sample ID: EB-02-021225

Lab Sample ID: 410-207884-8

Date Collected: 02/12/25 15:06

Matrix: Water

Date Received: 02/14/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			606716	W2FB	ELLE	02/17/25 10:23
Total/NA	Analysis	1633		1	606840	JU9U	ELLE	02/17/25 19:50

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Chemtech Consulting Group Inc. Job ID: 410-207884-1
Project/Site: Q1364

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	PA011	06-30-25

Method Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Method	Method Description	Protocol	Laboratory
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	ELLE
1633	Solid-Phase Extraction (SPE)	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Chemtech Consulting Group Inc.
Project/Site: Q1364

Job ID: 410-207884-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-207884-1	MW-30D-021125	Water	02/11/25 14:30	02/14/25 09:45
410-207884-2	EB-01-021125	Water	02/11/25 18:00	02/14/25 09:45
410-207884-3	MW-33D-021225	Water	02/12/25 11:45	02/14/25 09:45
410-207884-4	VFCC-2-021225	Water	02/12/25 13:40	02/14/25 09:45
410-207884-5	VFCC-3-021225	Water	02/12/25 13:20	02/14/25 09:45
410-207884-6	MW-33S-021225	Water	02/12/25 14:35	02/14/25 09:45
410-207884-7	MW-33S-FD-021225	Water	02/12/25 14:35	02/14/25 09:45
410-207884-8	EB-02-021225	Water	02/12/25 15:06	02/14/25 09:45

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
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www.chemtech.net

CHEMTECH PROJECT NO. Q1363/64
QUOTE NO. Bottle ID: BJ411032
COC Number 2041699-01

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TechLaw Consultants, Inc.
ADDRESS: 14840 Conference Center Drive
CITY Chantilly STATE: VA ZIP: 20151
ATTENTION: Jordan Hedvat
PHONE: 908-789-8900 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: REAC Commodore
PROJECT NO.: F00616 LOCATION: Avondale, PA
PROJECT MANAGER: J. Dziekan
e-mail: Jonathan.Dziekan@techlawconsultants.com
PHONE: 571-538-2270 FAX: —

CLIENT BILLING INFORMATION

BILL TO: See Contract PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: See Contract DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT REAC

ANALYSIS

02160 D
1633 (48-HR)

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	MW-30D-021125	GW		/	2/11/25	1430	3	2	1							
2.	EB-01-021125	Blank		/	2/11/25	1300	3	2	1							
3.	TB-01-021125	Blank	-	-	2/11/25	1415	2	2								
4.	MW-33D-021225	GW		/	2/12/25	1145	3	2	1							
5.	MW-33D-MS-021225	GW		/	2/12/25	1145	3	2	1							
6.	MW-33D-MSD-021225	GW		/	2/12/25	1145	3	2	1							
7.	VFCC-2-021225	GW		/	2/12/25	1340	3	2	1							
8.	VFCC-3-021225	GW		/	2/12/25	1330	3	2	1							
9.	MW-33S-021225	GW		/	2/12/25	1435	3	2	1							
10.	MW-33S-FD-021225	GW		/	2/12/25	1435	3	2	1							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2/12/25-1600	1. FedEX
2.	2/12/25-	2.
3.	2-13-25 9:59	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: 1633 Analysis has 48-HR Hold
IR Gun #1

Page 1 of 2

CLIENT: ☐ Hand Delivered ☑ Other FedEX
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

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www.chemtech.net

CHEMTECH PROJECT NO. Q1363/64
QUOTE NO. Bottle ID: B2411032
COC Number 2041699-01

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: TechLaw Consultants, Inc.
ADDRESS: 14840 Conference Center Drive
CITY Chantilly STATE: VA ZIP: 20151
ATTENTION: Jordan Hedvat
PHONE: 908-789-8900 FAX: —

CLIENT PROJECT INFORMATION

PROJECT NAME: REAC Commodore
PROJECT NO.: F00666 LOCATION: Audubon, PA
PROJECT MANAGER: J. Dziekan
e-mail: Jonathan.Dziekan@techlawconsultants.com
PHONE: 571-538-2270 FAX: —

CLIENT BILLING INFORMATION

BILL TO: See Contract PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: See Contract DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ US EPA CLP
- ☐ Other _____
- ☑ EDD FORMAT REAC

ANALYSIS

PRESERVATIVES: 1 = 8260 D, 2 = 1633

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9
1.	EB-02-021225	Blank		/	2/12/25	1506	1		1							
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

COMMENTS ← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2/12/25 1600	1. FedEX
2.	2/12/25	2.
3.	2-13-25 9:59	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.1 °C
Comments: IR Gun # 1

Page 2 of 2

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

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WWW.CHEMTECH.NET

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION
COMPANY : EUROFINS Lancaster Laboratories	ORDER ID : Q1364		BILL TO: CHEMTECH PO# : q1364
ADDRESS : 2425 New Holland Pike	PROJECT ID:REAC Commodore		ADDRESS : 284, Sheffield Street
CITY:Lancaster State :PA ZIP :17601	PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN@CHEMTECH.NET		ATTENTION :YAZMEE
PHONE :717-693-5814	PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : Equis Region2(M **Report :** Level 2 **Comment :**

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
01	MW-30D-021125	Water	PFAS	Cool 4 deg C	1633	02/11/2025	14:30:00	1	10
02	EB-01-021125	Water	PFAS	Cool 4 deg C	1633	02/11/2025	18:00:00	1	10
03	MW-33D-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	11:45:00	1	10
04	MW-33D-021225MS	Water	PFAS	Cool 4 deg C	1633	02/12/2025	11:45:00	1	10
05	MW-33D-021225MSD	Water	PFAS	Cool 4 deg C	1633	02/12/2025	11:45:00	1	10
06	VFCC-2-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	13:40:00	1	10
07	VFCC-3-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	13:20:00	1	10
08	MW-33S-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	14:35:00	1	10
09	MW-33S-FD-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	14:35:00	1	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUIESHED BY SAMPLER: 1.	DATETIME:	RECEIVED BY: 1.	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant	Cooler Temp _____ Ice or Cooler? _____
RELINQUIESHED BY: 2.	DATETIME:	RECEIVED BY: 2.		
RELINQUIESHED BY: 3.	DATETIME:	RECEIVED BY: 3.	☐ OVERNIGHT ☐ OVERNIGHT	Shipment Complete: ☐ YES ☐ NO

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
WWW.CHEMTECH.NET

CHAIN OF CUSTODY RECORD

Sub Lab INFORMATION	CLIENT PROJECT INFORMATION		CLIENT BILLING INFORMATION
COMPANY : EUROFINS Lancaster Laboratories	ORDER ID : Q1364		BILL TO: CHEMTECH PO# : q1364
ADDRESS : 2425 New Holland Pike	PROJECT ID:REAC Commodore		ADDRESS : 284, Sheffield Street
CITY:Lancaster State :PA ZIP :17601	PROJECT MANAGER YAZMEEN		CITY: Mountainside State : NJ ZIP : 07092
E-mail :	E-mail : YAZMEEN@CHEMTECH.NET		ATTENTION :YAZMEE
PHONE :717-693-5814	PHONE : (908) 789 8900	FAX: (908) 789 8922	PHONE : (908) 789 8900 FAX : (908) 789 8922

EDD : Equis Region2(M **Report :** Level 2 **Comment :**

ID	CLIENT SAMPLE IDENTIFICATION	SAMPLE MATRIX	ANALYSIS	Preservative	Method	SAMPLE COLLECTION		# OF BOTTLES	TAT DAYS
						DATE	TIME		
10	EB-02-021225	Water	PFAS	Cool 4 deg C	1633	02/12/2025	15:06:00	1	10

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGES POSSESSION INCLUDING COURIER DELIVERY

RELINQUIESHED BY SAMPLER: 1.	DATETIME:	RECEIVED BY: 1.	Conditions of bottles or Coolers at receipt: ☐ Compliant ☐ Non Compliant	Cooler Temp _____ Ice or Cooler? _____
RELINQUIESHED BY: 2.	DATETIME:	RECEIVED BY: 2.		
RELINQUIESHED BY: 3.	DATETIME:	RECEIVED BY: 3.	☐ OVERNIGHT ☐ OVERNIGHT	Shipment Complete: ☐ YES ☐ NO

Login Sample Receipt Checklist

Client: Chemtech Consulting Group Inc. Job Number: 410-207884-1

Login Number: 207884 **List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**
List Number: 1
Creator: Arroyo, Haley

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	