



# CERTIFICATE OF ACCREDITATION

**The ANSI National Accreditation Board**

Hereby attests that

**Eurofins Sacramento**  
**880 Riverside Parkway**  
**West Sacramento, CA 95605**

Fulfills the requirements of

**ISO/IEC 17025:2017**

and

**U.S. Department of Energy (DOE) Consolidated Audit  
Program (DOECAP) requirements identified within the  
DoD/DOE Quality Systems Manual (DoD/DOE QSM V5.4)**

In the field of

**TESTING**

This certificate is valid only when accompanied by a current scope of accreditation document.  
The current scope of accreditation can be verified at [www.anab.org](http://www.anab.org).

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 20 January 2024  
Certificate Number: L2468.01



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory  
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

and

**U.S. Department of Energy (DOE) Consolidated Audit Program (DOECAP)  
requirements identified within the DoD/DOE Quality Systems Manual  
(DoD/DOE QSM V5.4)**

### **Eurofins Sacramento**

880 Riverside Parkway  
West Sacramento, CA 95605  
Ms. Lisa Stafford  
916-373-5600

### **TESTING**

Valid to: **January 20, 2024**

Certificate Number: **L2468.01**

#### **Environmental**

| <b>Non-Potable Water</b> |                      |                     |
|--------------------------|----------------------|---------------------|
| <b>Technology</b>        | <b>Method</b>        | <b>Analyte</b>      |
| LC/MS/MS                 | EPA 6850             | Perchlorate         |
| GC/HRMS                  | EPA 8290/8290A/1613B | 2,3,7,8-TeCDD       |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,7,8-PeCDD     |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,4,7,8-HxCDD   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,6,7,8-HxCDD   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,7,8,9-HxCDD   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,4,6,7,8-HpCDD |
| GC/HRMS                  | EPA 8290/8290A/1613B | OCDD                |
| GC/HRMS                  | EPA 8290/8290A/1613B | 2,3,7,8-TeCDF       |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,7,8-PeCDF     |
| GC/HRMS                  | EPA 8290/8290A/1613B | 2,3,4,7,8-PeCDF     |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,4,7,8-HxCDF   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,6,7,8-HxCDF   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,7,8,9-HxCDF   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 2,3,4,6,7,8-HxCDF   |
| GC/HRMS                  | EPA 8290/8290A/1613B | 1,2,3,4,6,7,8-HpCDF |

| Non-Potable Water |                                                                      |                                                                                             |
|-------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                     |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | 1,2,3,4,7,8,9-HpCDF                                                                         |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | OCDF                                                                                        |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total TCDD                                                                                  |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total PeCDD                                                                                 |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total HxCDD                                                                                 |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total HpCDD                                                                                 |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total TCDF                                                                                  |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total PeCDF                                                                                 |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total HxCDF                                                                                 |
| GC/HRMS           | EPA 8290/8290A/1613B                                                 | Total HpCDF                                                                                 |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethyl perfluorooctanesulfon amidoacetic acid<br>(EtFOSAA)                                 |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methyl perfluorooctanesulfon amidoacetic acid<br>(MeFOSAA)                                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctanoic acid (PFOA)                                                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonic Acid (PFOS)                                                        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutyric acid (PFBA)                                                                |

| Non-Potable Water |                                                                      |                                      |
|-------------------|----------------------------------------------------------------------|--------------------------------------|
| Technology        | Method                                                               | Analyte                              |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropentanoic acid (PFPA)       |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexanoic acid (PFHxA)       |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptanoic acid (PFHpA)      |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononanoic acid (PFNA)        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecanoic acid (PFDA)        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroundecanoic acid (PFUDA)     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanoic acid (PFDoDA)    |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotridecanoic acid (PFTriA)   |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotetradecanoic acid (PDTeA)  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutane Sulfonic Acid (PFBS) |

| Non-Potable Water |                                                                      |                                                                                                  |
|-------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                          |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexane Sulfonic Acid (PFHxS)                                                            |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptane Sulfonic Acid (PFHpS)                                                           |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecane Sulfonic Acid (PFDS)                                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonamide (FOSA)                                                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorohexane sulfonic acid)<br>(4:2 FTS)     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 10:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorododecane sulfonic acid)<br>(10:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexadecanoic acid (PFHxDA)                                                              |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropentane Sulfonic acid (PFPS)                                                            |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononane Sulfonic acid (PFNS)                                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                                      |

| Non-Potable Water |                                                                      |                                                                     |
|-------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-propoxypropionic acid (GenX Parent Acid) (HFPO-DA)      |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl1-PF3OUdS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanesulfonic acid (PFDoS)                              |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctadecanoic acid (PFODA)                                  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-ethylcyclohexanesulfonic acid (PFecHS)                  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-1-propanesulfonic acid (PFPrS)                            |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                         |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamide (MeFOSA)                        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)                 |

| Non-Potable Water |                                                                      |                                                         |
|-------------------|----------------------------------------------------------------------|---------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                 |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamido ethanol<br>(MeFOSE) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3<br>FTCA)    |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)           |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2H,2H,3H,3H-Perfluorodecanoic acid (7:3<br>FTCA)        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorohexylethanoic acid (6:2 FTCA)                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorooctylethanoic acid (8:2 FTCA)                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorodecylethanoic acid (10:2 FTCA)               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropropionic acid (PPF Acid, PFPrA)               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3-methoxypropanoic acid (PFMPA)               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-methoxybutanoic acid (PFMBA)                |

| Non-Potable Water |                                                                      |                                                                                                     |
|-------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                                                          |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro(2-ethoxyethane) sulfonic acid<br>(PFEEA)                                                  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Difluoro(perfluoromethoxy)acetic acid<br>(PFMOAA)                                                   |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-isopropoxybutanoic acid (PFECAG,<br>PFPE-1)                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7,9-butaododecanoic acid<br>(PFO4DA)                                                  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7-trioxaoctanoic acid (PFO3OA)                                                        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5-dioxaheptanoic acid (PFO2HXA)                                                         |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-[[perfluoro-3-(perfluoroethoxy)-2-<br>propyl]oxy]ethanesulfonic acid (Hydro-PS<br>Acid) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid<br>(PFO5DoA)                                           |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-(perfluoromethoxy)propanoic acid<br>(PMPPA)                                             |

| Non-Potable Water |                                                                      |                                                                                                                              |
|-------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                                                      |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid (PEPA)                                                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-2,2,3,3,4,5,5,5-octafluoro-pentanoic acid (R-EVE)                                    |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 1,1,2,2-Tetrafluoro-2-(1,2,2,2-tetrafluoroethoxy)ethane-1-sulfonic acid (NVHOS)                                              |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2,2,3,3-Tetrafluoro-3- {[1,1,1,2,3,3-hexafluoro-3-(1,2,2,2-tetrafluoroethoxy)propan-2-yl]oxy}propanoic acid (Hydro-EVE Acid) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-(trifluoromethyl)propoxy]ethanesulfonic acid (R-PSDCA)                        |
| LC/MS/MS          | Draft EPA Method 1633                                                | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS)                                  |
| LC/MS/MS          | Draft EPA Method 1633                                                | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS)                                  |
| LC/MS/MS          | Draft EPA Method 1633                                                | N-Ethyl perfluorooctanesulfon amidoacetic acid<br>(EtFOSAA)                                                                  |
| LC/MS/MS          | Draft EPA Method 1633                                                | N-Methyl perfluorooctanesulfon amidoacetic acid<br>(MeFOSAA)                                                                 |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorooctanoic acid (PFOA)                                                                                                |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorooctane Sulfonic Acid (PFOS)                                                                                         |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorobutyric acid (PFBA)                                                                                                 |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluoropentanoic acid (PFPA)                                                                                               |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorohexanoic acid (PFHxA)                                                                                               |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluoroheptanoic acid (PFHpA)                                                                                              |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorononanoic acid (PFNA)                                                                                                |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluorodecanoic acid (PFDA)                                                                                                |
| LC/MS/MS          | Draft EPA Method 1633                                                | Perfluoroundecanoic acid (PFUDA)                                                                                             |

| Non-Potable Water |                       |                                                                                              |
|-------------------|-----------------------|----------------------------------------------------------------------------------------------|
| Technology        | Method                | Analyte                                                                                      |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorododecanoic acid (PFDoDA)                                                            |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorotridecanoic acid (PFTriA)                                                           |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorotetradecanoic acid (PDTeA)                                                          |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorobutane Sulfonic Acid (PFBS)                                                         |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorohexane Sulfonic Acid (PFHxS)                                                        |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoroheptane Sulfonic Acid (PFHpS)                                                       |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorodecane Sulfonic Acid (PFDS)                                                         |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorooctane Sulfonamide (FOSA)                                                           |
| LC/MS/MS          | Draft EPA Method 1633 | 4:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorohexane sulfonic acid)<br>(4:2 FTS) |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoropentane Sulfonic acid (PFPS)                                                        |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorononane Sulfonic acid (PFNS)                                                         |
| LC/MS/MS          | Draft EPA Method 1633 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                                  |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoro-2-propoxypropionic acid (GenX Parent<br>Acid) (HFPO-DA)                            |
| LC/MS/MS          | Draft EPA Method 1633 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic<br>acid (9Cl-PF3ONS)                           |
| LC/MS/MS          | Draft EPA Method 1633 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic<br>acid (11Cl1-PF3OUdS)                       |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluorododecanesulfonic acid (PFDoS)                                                       |
| LC/MS/MS          | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                                                  |
| LC/MS/MS          | Draft EPA Method 1633 | N-Methylperfluorooctane sulfonamide<br>(MeFOSA)                                              |
| LC/MS/MS          | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamido ethanol<br>(EtFOSE)                                       |
| LC/MS/MS          | Draft EPA Method 1633 | N-Methylperfluorooctane sulfonamido ethanol<br>(MeFOSE)                                      |
| LC/MS/MS          | Draft EPA Method 1633 | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3<br>FTCA)                                         |
| LC/MS/MS          | Draft EPA Method 1633 | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)                                                |
| LC/MS/MS          | Draft EPA Method 1633 | 2H,2H,3H,3H-Perfluorodecanoic acid (7:3<br>FTCA)                                             |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoro-3-methoxypropanoic acid (PFMPA)                                                    |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoro-4-methoxybutanoic acid (PFMBA)                                                     |
| LC/MS/MS          | Draft EPA Method 1633 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                                                   |
| LC/MS/MS          | Draft EPA Method 1633 | Perfluoro(2-ethoxyethane) sulfonic acid<br>(PFEESA)                                          |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 1   |
| GC/HRMS           | EPA 1668A/1668C | PCB 2   |
| GC/HRMS           | EPA 1668A/1668C | PCB 3   |
| GC/HRMS           | EPA 1668A/1668C | PCB 4   |
| GC/HRMS           | EPA 1668A/1668C | PCB 5   |
| GC/HRMS           | EPA 1668A/1668C | PCB 6   |
| GC/HRMS           | EPA 1668A/1668C | PCB 7   |
| GC/HRMS           | EPA 1668A/1668C | PCB 8   |
| GC/HRMS           | EPA 1668A/1668C | PCB 9   |
| GC/HRMS           | EPA 1668A/1668C | PCB 10  |
| GC/HRMS           | EPA 1668A/1668C | PCB 11  |
| GC/HRMS           | EPA 1668A/1668C | PCB 12  |
| GC/HRMS           | EPA 1668A/1668C | PCB 13  |
| GC/HRMS           | EPA 1668A/1668C | PCB 14  |
| GC/HRMS           | EPA 1668A/1668C | PCB 15  |
| GC/HRMS           | EPA 1668A/1668C | PCB 16  |
| GC/HRMS           | EPA 1668A/1668C | PCB 17  |
| GC/HRMS           | EPA 1668A/1668C | PCB 18  |
| GC/HRMS           | EPA 1668A/1668C | PCB 19  |
| GC/HRMS           | EPA 1668A/1668C | PCB 20  |
| GC/HRMS           | EPA 1668A/1668C | PCB 21  |
| GC/HRMS           | EPA 1668A/1668C | PCB 22  |
| GC/HRMS           | EPA 1668A/1668C | PCB 23  |
| GC/HRMS           | EPA 1668A/1668C | PCB 24  |
| GC/HRMS           | EPA 1668A/1668C | PCB 25  |
| GC/HRMS           | EPA 1668A/1668C | PCB 26  |
| GC/HRMS           | EPA 1668A/1668C | PCB 27  |
| GC/HRMS           | EPA 1668A/1668C | PCB 28  |
| GC/HRMS           | EPA 1668A/1668C | PCB 29  |
| GC/HRMS           | EPA 1668A/1668C | PCB 30  |
| GC/HRMS           | EPA 1668A/1668C | PCB 32  |
| GC/HRMS           | EPA 1668A/1668C | PCB 31  |
| GC/HRMS           | EPA 1668A/1668C | PCB 33  |
| GC/HRMS           | EPA 1668A/1668C | PCB 34  |
| GC/HRMS           | EPA 1668A/1668C | PCB 35  |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 36  |
| GC/HRMS           | EPA 1668A/1668C | PCB 37  |
| GC/HRMS           | EPA 1668A/1668C | PCB 38  |
| GC/HRMS           | EPA 1668A/1668C | PCB 39  |
| GC/HRMS           | EPA 1668A/1668C | PCB 40  |
| GC/HRMS           | EPA 1668A/1668C | PCB 41  |
| GC/HRMS           | EPA 1668A/1668C | PCB 42  |
| GC/HRMS           | EPA 1668A/1668C | PCB 43  |
| GC/HRMS           | EPA 1668A/1668C | PCB 44  |
| GC/HRMS           | EPA 1668A/1668C | PCB 45  |
| GC/HRMS           | EPA 1668A/1668C | PCB 46  |
| GC/HRMS           | EPA 1668A/1668C | PCB 47  |
| GC/HRMS           | EPA 1668A/1668C | PCB 48  |
| GC/HRMS           | EPA 1668A/1668C | PCB 49  |
| GC/HRMS           | EPA 1668A/1668C | PCB 50  |
| GC/HRMS           | EPA 1668A/1668C | PCB 51  |
| GC/HRMS           | EPA 1668A/1668C | PCB 52  |
| GC/HRMS           | EPA 1668A/1668C | PCB 53  |
| GC/HRMS           | EPA 1668A/1668C | PCB 54  |
| GC/HRMS           | EPA 1668A/1668C | PCB 55  |
| GC/HRMS           | EPA 1668A/1668C | PCB 56  |
| GC/HRMS           | EPA 1668A/1668C | PCB 57  |
| GC/HRMS           | EPA 1668A/1668C | PCB 58  |
| GC/HRMS           | EPA 1668A/1668C | PCB 59  |
| GC/HRMS           | EPA 1668A/1668C | PCB 60  |
| GC/HRMS           | EPA 1668A/1668C | PCB 61  |
| GC/HRMS           | EPA 1668A/1668C | PCB 62  |
| GC/HRMS           | EPA 1668A/1668C | PCB 63  |
| GC/HRMS           | EPA 1668A/1668C | PCB 64  |
| GC/HRMS           | EPA 1668A/1668C | PCB 65  |
| GC/HRMS           | EPA 1668A/1668C | PCB 66  |
| GC/HRMS           | EPA 1668A/1668C | PCB 67  |
| GC/HRMS           | EPA 1668A/1668C | PCB 68  |
| GC/HRMS           | EPA 1668A/1668C | PCB 69  |
| GC/HRMS           | EPA 1668A/1668C | PCB 70  |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 71  |
| GC/HRMS           | EPA 1668A/1668C | PCB 72  |
| GC/HRMS           | EPA 1668A/1668C | PCB 73  |
| GC/HRMS           | EPA 1668A/1668C | PCB 74  |
| GC/HRMS           | EPA 1668A/1668C | PCB 75  |
| GC/HRMS           | EPA 1668A/1668C | PCB 76  |
| GC/HRMS           | EPA 1668A/1668C | PCB 77  |
| GC/HRMS           | EPA 1668A/1668C | PCB 78  |
| GC/HRMS           | EPA 1668A/1668C | PCB 79  |
| GC/HRMS           | EPA 1668A/1668C | PCB 80  |
| GC/HRMS           | EPA 1668A/1668C | PCB 81  |
| GC/HRMS           | EPA 1668A/1668C | PCB 82  |
| GC/HRMS           | EPA 1668A/1668C | PCB 83  |
| GC/HRMS           | EPA 1668A/1668C | PCB 84  |
| GC/HRMS           | EPA 1668A/1668C | PCB 85  |
| GC/HRMS           | EPA 1668A/1668C | PCB 86  |
| GC/HRMS           | EPA 1668A/1668C | PCB 87  |
| GC/HRMS           | EPA 1668A/1668C | PCB 88  |
| GC/HRMS           | EPA 1668A/1668C | PCB 89  |
| GC/HRMS           | EPA 1668A/1668C | PCB 90  |
| GC/HRMS           | EPA 1668A/1668C | PCB 91  |
| GC/HRMS           | EPA 1668A/1668C | PCB 92  |
| GC/HRMS           | EPA 1668A/1668C | PCB 93  |
| GC/HRMS           | EPA 1668A/1668C | PCB 94  |
| GC/HRMS           | EPA 1668A/1668C | PCB 95  |
| GC/HRMS           | EPA 1668A/1668C | PCB 96  |
| GC/HRMS           | EPA 1668A/1668C | PCB 97  |
| GC/HRMS           | EPA 1668A/1668C | PCB 98  |
| GC/HRMS           | EPA 1668A/1668C | PCB 99  |
| GC/HRMS           | EPA 1668A/1668C | PCB 100 |
| GC/HRMS           | EPA 1668A/1668C | PCB 101 |
| GC/HRMS           | EPA 1668A/1668C | PCB 102 |
| GC/HRMS           | EPA 1668A/1668C | PCB 103 |
| GC/HRMS           | EPA 1668A/1668C | PCB 104 |
| GC/HRMS           | EPA 1668A/1668C | PCB 105 |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 106 |
| GC/HRMS           | EPA 1668A/1668C | PCB 107 |
| GC/HRMS           | EPA 1668A/1668C | PCB 108 |
| GC/HRMS           | EPA 1668A/1668C | PCB 109 |
| GC/HRMS           | EPA 1668A/1668C | PCB 110 |
| GC/HRMS           | EPA 1668A/1668C | PCB 111 |
| GC/HRMS           | EPA 1668A/1668C | PCB 112 |
| GC/HRMS           | EPA 1668A/1668C | PCB 113 |
| GC/HRMS           | EPA 1668A/1668C | PCB 114 |
| GC/HRMS           | EPA 1668A/1668C | PCB 115 |
| GC/HRMS           | EPA 1668A/1668C | PCB 116 |
| GC/HRMS           | EPA 1668A/1668C | PCB 117 |
| GC/HRMS           | EPA 1668A/1668C | PCB 118 |
| GC/HRMS           | EPA 1668A/1668C | PCB 119 |
| GC/HRMS           | EPA 1668A/1668C | PCB 120 |
| GC/HRMS           | EPA 1668A/1668C | PCB 121 |
| GC/HRMS           | EPA 1668A/1668C | PCB 122 |
| GC/HRMS           | EPA 1668A/1668C | PCB 123 |
| GC/HRMS           | EPA 1668A/1668C | PCB 124 |
| GC/HRMS           | EPA 1668A/1668C | PCB 125 |
| GC/HRMS           | EPA 1668A/1668C | PCB 126 |
| GC/HRMS           | EPA 1668A/1668C | PCB 127 |
| GC/HRMS           | EPA 1668A/1668C | PCB 128 |
| GC/HRMS           | EPA 1668A/1668C | PCB 129 |
| GC/HRMS           | EPA 1668A/1668C | PCB 130 |
| GC/HRMS           | EPA 1668A/1668C | PCB 131 |
| GC/HRMS           | EPA 1668A/1668C | PCB 132 |
| GC/HRMS           | EPA 1668A/1668C | PCB 133 |
| GC/HRMS           | EPA 1668A/1668C | PCB 134 |
| GC/HRMS           | EPA 1668A/1668C | PCB 135 |
| GC/HRMS           | EPA 1668A/1668C | PCB 136 |
| GC/HRMS           | EPA 1668A/1668C | PCB 137 |
| GC/HRMS           | EPA 1668A/1668C | PCB 138 |
| GC/HRMS           | EPA 1668A/1668C | PCB 139 |
| GC/HRMS           | EPA 1668A/1668C | PCB 140 |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 141 |
| GC/HRMS           | EPA 1668A/1668C | PCB 142 |
| GC/HRMS           | EPA 1668A/1668C | PCB 143 |
| GC/HRMS           | EPA 1668A/1668C | PCB 144 |
| GC/HRMS           | EPA 1668A/1668C | PCB 145 |
| GC/HRMS           | EPA 1668A/1668C | PCB 146 |
| GC/HRMS           | EPA 1668A/1668C | PCB 147 |
| GC/HRMS           | EPA 1668A/1668C | PCB 148 |
| GC/HRMS           | EPA 1668A/1668C | PCB 149 |
| GC/HRMS           | EPA 1668A/1668C | PCB 150 |
| GC/HRMS           | EPA 1668A/1668C | PCB 151 |
| GC/HRMS           | EPA 1668A/1668C | PCB 152 |
| GC/HRMS           | EPA 1668A/1668C | PCB 153 |
| GC/HRMS           | EPA 1668A/1668C | PCB 154 |
| GC/HRMS           | EPA 1668A/1668C | PCB 155 |
| GC/HRMS           | EPA 1668A/1668C | PCB 156 |
| GC/HRMS           | EPA 1668A/1668C | PCB 157 |
| GC/HRMS           | EPA 1668A/1668C | PCB 158 |
| GC/HRMS           | EPA 1668A/1668C | PCB 159 |
| GC/HRMS           | EPA 1668A/1668C | PCB 160 |
| GC/HRMS           | EPA 1668A/1668C | PCB 161 |
| GC/HRMS           | EPA 1668A/1668C | PCB 162 |
| GC/HRMS           | EPA 1668A/1668C | PCB 163 |
| GC/HRMS           | EPA 1668A/1668C | PCB 164 |
| GC/HRMS           | EPA 1668A/1668C | PCB 165 |
| GC/HRMS           | EPA 1668A/1668C | PCB 166 |
| GC/HRMS           | EPA 1668A/1668C | PCB 167 |
| GC/HRMS           | EPA 1668A/1668C | PCB 168 |
| GC/HRMS           | EPA 1668A/1668C | PCB 169 |
| GC/HRMS           | EPA 1668A/1668C | PCB 170 |
| GC/HRMS           | EPA 1668A/1668C | PCB 171 |
| GC/HRMS           | EPA 1668A/1668C | PCB 172 |
| GC/HRMS           | EPA 1668A/1668C | PCB 173 |
| GC/HRMS           | EPA 1668A/1668C | PCB 174 |
| GC/HRMS           | EPA 1668A/1668C | PCB 175 |

| Non-Potable Water |                 |         |
|-------------------|-----------------|---------|
| Technology        | Method          | Analyte |
| GC/HRMS           | EPA 1668A/1668C | PCB 176 |
| GC/HRMS           | EPA 1668A/1668C | PCB 177 |
| GC/HRMS           | EPA 1668A/1668C | PCB 178 |
| GC/HRMS           | EPA 1668A/1668C | PCB 179 |
| GC/HRMS           | EPA 1668A/1668C | PCB 180 |
| GC/HRMS           | EPA 1668A/1668C | PCB 181 |
| GC/HRMS           | EPA 1668A/1668C | PCB 182 |
| GC/HRMS           | EPA 1668A/1668C | PCB 183 |
| GC/HRMS           | EPA 1668A/1668C | PCB 184 |
| GC/HRMS           | EPA 1668A/1668C | PCB 185 |
| GC/HRMS           | EPA 1668A/1668C | PCB 186 |
| GC/HRMS           | EPA 1668A/1668C | PCB 187 |
| GC/HRMS           | EPA 1668A/1668C | PCB 188 |
| GC/HRMS           | EPA 1668A/1668C | PCB 189 |
| GC/HRMS           | EPA 1668A/1668C | PCB 190 |
| GC/HRMS           | EPA 1668A/1668C | PCB 191 |
| GC/HRMS           | EPA 1668A/1668C | PCB 192 |
| GC/HRMS           | EPA 1668A/1668C | PCB 193 |
| GC/HRMS           | EPA 1668A/1668C | PCB 194 |
| GC/HRMS           | EPA 1668A/1668C | PCB 195 |
| GC/HRMS           | EPA 1668A/1668C | PCB 196 |
| GC/HRMS           | EPA 1668A/1668C | PCB 197 |
| GC/HRMS           | EPA 1668A/1668C | PCB 198 |
| GC/HRMS           | EPA 1668A/1668C | PCB 199 |
| GC/HRMS           | EPA 1668A/1668C | PCB 200 |
| GC/HRMS           | EPA 1668A/1668C | PCB 201 |
| GC/HRMS           | EPA 1668A/1668C | PCB 202 |
| GC/HRMS           | EPA 1668A/1668C | PCB 203 |
| GC/HRMS           | EPA 1668A/1668C | PCB 204 |
| GC/HRMS           | EPA 1668A/1668C | PCB 205 |
| GC/HRMS           | EPA 1668A/1668C | PCB 206 |
| GC/HRMS           | EPA 1668A/1668C | PCB 207 |
| GC/HRMS           | EPA 1668A/1668C | PCB 208 |
| GC/HRMS           | EPA 1668A/1668C | PCB 209 |

| Non-Potable Water                          |           |                                        |
|--------------------------------------------|-----------|----------------------------------------|
| Technology                                 | Method    | Analyte                                |
| Preparation                                | Method    | Type                                   |
| Separatory Funnel Liquid-Liquid Extraction | EPA 3510C | Semivolatile and Non-Volatile Organics |
| Solid Phase Extraction                     | EPA 3535A | Semivolatile and Non-Volatile Organics |

| Drinking Water |           |                                                           |
|----------------|-----------|-----------------------------------------------------------|
| Technology     | Method    | Analyte                                                   |
| LC/MS/MS       | EPA 537   | Perfluorobutane Sulfonic Acid (PFBS)                      |
| LC/MS/MS       | EPA 537   | Perfluoroheptanoic acid (PFHpA)                           |
| LC/MS/MS       | EPA 537   | Perfluorohexane Sulfonic Acid (PFHxS)                     |
| LC/MS/MS       | EPA 537   | Perfluorononanoic acid (PFNA)                             |
| LC/MS/MS       | EPA 537   | Perfluorooctanoic acid (PFOA)                             |
| LC/MS/MS       | EPA 537   | Perfluorooctane Sulfonic Acid (PFOS)                      |
| LC/MS/MS       | EPA 537   | Perfluorodecanoic acid (PFDA)                             |
| LC/MS/MS       | EPA 537   | Perfluorododecanoic acid (PFDoDA)                         |
| LC/MS/MS       | EPA 537   | Perfluorohexanoic acid (PFHxA)                            |
| LC/MS/MS       | EPA 537   | Perfluorotetradecanoic acid (PDTeA)                       |
| LC/MS/MS       | EPA 537   | Perfluorotridecanoic acid (PFTriA)                        |
| LC/MS/MS       | EPA 537   | Perfluoroundecanoic acid (PFUDA)                          |
| LC/MS/MS       | EPA 537   | N-Ethyl perfluorooctanesulfon amidoacetic acid (EtFOSAA)  |
| LC/MS/MS       | EPA 537   | N-Methyl perfluorooctanesulfon amidoacetic acid (MeFOSAA) |
| LC/MS/MS       | EPA 537.1 | Perfluorodecanoic acid (PFDA)                             |
| LC/MS/MS       | EPA 537.1 | Perfluorododecanoic acid (PFDoDA)                         |
| LC/MS/MS       | EPA 537.1 | Perfluorohexanoic acid (PFHxA)                            |
| LC/MS/MS       | EPA 537.1 | Perfluorotetradecanoic acid (PDTeA)                       |
| LC/MS/MS       | EPA 537.1 | Perfluorotridecanoic acid (PFTriA)                        |
| LC/MS/MS       | EPA 537.1 | Perfluoroundecanoic acid (PFUDA)                          |
| LC/MS/MS       | EPA 537.1 | N-Ethyl perfluorooctanesulfon amidoacetic acid (EtFOSAA)  |
| LC/MS/MS       | EPA 537.1 | N-Methyl perfluorooctanesulfon amidoacetic acid (MeFOSAA) |
| LC/MS/MS       | EPA 537.1 | Perfluoroheptanoic acid (PFHpA)                           |

| Drinking Water |           |                                                                                        |
|----------------|-----------|----------------------------------------------------------------------------------------|
| Technology     | Method    | Analyte                                                                                |
| LC/MS/MS       | EPA 537.1 | Perfluorooctanoic acid (PFOA)                                                          |
| LC/MS/MS       | EPA 537.1 | Perfluorononanoic acid (PFNA)                                                          |
| LC/MS/MS       | EPA 537.1 | Perfluorobutanesulfonic acid (PFBS)                                                    |
| LC/MS/MS       | EPA 537.1 | Perfluorohexanesulfonic acid (PFHxS)                                                   |
| LC/MS/MS       | EPA 537.1 | Perfluorooctanesulfonic acid (PFOS)                                                    |
| LC/MS/MS       | EPA 537.1 | Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)                                         |
| LC/MS/MS       | EPA 537.1 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)                        |
| LC/MS/MS       | EPA 537.1 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl1-PF3OUdS)                    |
| LC/MS/MS       | EPA 537.1 | 4,8-Dioxa-3H-perfluoronanoic Acid (ADONA)                                              |
| LC/MS/MS       | EPA 533   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl1-PF3OUdS)                    |
| LC/MS/MS       | EPA 533   | 8:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorodecane sulfonic acid) (8:2 FTS)  |
| LC/MS/MS       | EPA 533   | 4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS) |
| LC/MS/MS       | EPA 533   | 6:2 Fluorotelomer sulfonic acid (1H,1H,2H,2H-perfluorooctane sulfonic acid) (6:2 FTS)  |
| LC/MS/MS       | EPA 533   | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                            |
| LC/MS/MS       | EPA 533   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)                        |
| LC/MS/MS       | EPA 533   | Perfluoro-2-propoxypropionic acid (HFPO-DA)                                            |
| LC/MS/MS       | EPA 533   | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                                             |
| LC/MS/MS       | EPA 533   | Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)                                       |
| LC/MS/MS       | EPA 533   | Perfluoro-3-methoxypropanoic acid (PFMPA)                                              |
| LC/MS/MS       | EPA 533   | Perfluoro-4-methoxybutanoic acid (PFMBA)                                               |
| LC/MS/MS       | EPA 533   | Perfluorobutane Sulfonic Acid (PFBS)                                                   |
| LC/MS/MS       | EPA 533   | Perfluorobutanoic acid (PFBA)                                                          |
| LC/MS/MS       | EPA 533   | Perfluorodecanoic acid (PFDA)                                                          |
| LC/MS/MS       | EPA 533   | Perfluorododecanoic acid (PFDoDA)                                                      |

| Drinking Water         |                   |                                        |
|------------------------|-------------------|----------------------------------------|
| Technology             | Method            | Analyte                                |
| LC/MS/MS               | EPA 533           | Perfluoroheptane Sulfonic Acid (PFHpS) |
| LC/MS/MS               | EPA 533           | Perfluoroheptanoic acid (PFHpA)        |
| LC/MS/MS               | EPA 533           | Perfluorohexane Sulfonic Acid (PFHxS)  |
| LC/MS/MS               | EPA 533           | Perfluorohexanoic acid (PFHxA)         |
| LC/MS/MS               | EPA 533           | Perfluorononanoic acid (PFNA)          |
| LC/MS/MS               | EPA 533           | Perfluorooctane Sulfonic Acid (PFOS)   |
| LC/MS/MS               | EPA 533           | Perfluorooctanoic acid (PFOA)          |
| LC/MS/MS               | EPA 533           | Perfluoropentane Sulfonic acid (PFPeS) |
| LC/MS/MS               | EPA 533           | Perfluoropentanoic acid (PFPeA)        |
| LC/MS/MS               | EPA 533           | Perfluoroundecanoic acid (PFUDA)       |
| Preparation            | Method            | Type                                   |
| Solid Phase Extraction | EPA 537/537.1/533 | Perfluoro compounds in Drinking Water  |

| Solid and Chemical Materials |                       |                     |
|------------------------------|-----------------------|---------------------|
| Technology                   | Method                | Analyte             |
| LC/MS/MS                     | EPA 6850              | Perchlorate         |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 2,3,7,8-TeCDD       |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,7,8-PeCDD     |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,4,7,8-HxCDD   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,6,7,8-HxCDD   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,7,8,9-HxCDD   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,4,6,7,8-HpCDD |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | OCDD                |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 2,3,7,8-TeCDF       |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,7,8-PeCDF     |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 2,3,4,7,8-PeCDF     |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,4,7,8-HxCDF   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,6,7,8-HxCDF   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,7,8,9-HxCDF   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 2,3,4,6,7,8-HxCDF   |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,4,6,7,8-HpCDF |
| GC/HRMS                      | EPA 8290/ 8290A/1613B | 1,2,3,4,7,8,9-HpCDF |

| Solid and Chemical Materials |                                                                      |                                                                                             |
|------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                                                                     |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | OCDF                                                                                        |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total TCDD                                                                                  |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total PeCDD                                                                                 |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total HxCDD                                                                                 |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total HpCDD                                                                                 |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total TCDF                                                                                  |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total PeCDF                                                                                 |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total HxCDF                                                                                 |
| GC/HRMS                      | EPA 8290/ 8290A/1613B                                                | Total HpCDF                                                                                 |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethyl perfluorooctanesulfon amidoacetic acid<br>(EtFOSAA)                                 |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methyl perfluorooctanesulfon amidoacetic<br>acide (MeFOSAA)                               |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctanoic acid (PFOA)                                                               |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonic Acid (PFOS)                                                        |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutyric acid (PFBA)                                                                |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15               | Perfluoropentanoic acid (PFPA)                                                              |

| Solid and Chemical Materials |                                                                      |                                       |
|------------------------------|----------------------------------------------------------------------|---------------------------------------|
| Technology                   | Method                                                               | Analyte                               |
|                              | WS-LC-0025                                                           |                                       |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexanoic acid (PFHxA)        |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptanoic acid (PFHpA)       |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononanoic acid (PFNA)         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecanoic acid (PFDA)         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroundecanoic acid (PFUDA)      |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanoic acid (PFDoDA)     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotridecanoic acid (PFTriA)    |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotetradecanoic acid (PDTeA)   |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutane Sulfonic Acid (PFBS)  |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15               | Perfluorohexane Sulfonic Acid (PFHxS) |

| Solid and Chemical Materials |                                                                      |                                                                                                  |
|------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                                                                          |
|                              | WS-LC-0025                                                           |                                                                                                  |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptane Sulfonic Acid (PFHpS)                                                           |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecane Sulfonic Acid (PFDS)                                                             |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonamide (FOSA)                                                               |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorohexane sulfonic acid)<br>(4:2 FTS)     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 10:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorododecane sulfonic acid)<br>(10:2 FTS) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexadecanoic acid (PFHxDA)                                                              |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropentane Sulfonic acid (PFPS)                                                            |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononane Sulfonic acid (PFNS)                                                             |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                                      |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15               | Perfluoro-2-propoxypropionic acid (GenX Parent<br>Acid) (HFPO-DA)                                |

| Solid and Chemical Materials |                                                                      |                                                                     |
|------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                                             |
|                              | WS-LC-0025                                                           |                                                                     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl1-PF3OUdS) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanesulfonic acid (PFDoS)                              |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctadecanoic acid (PFODA)                                  |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-ethylcyclohexanesulfonic acid (PFecHS)                  |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-1-propanesulfonic acid (PFPrS)                            |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamide (MeFOSA)                        |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)                 |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamido ethanol (MeFOSE)                |

| Solid and Chemical Materials |                                                                      |                                                   |
|------------------------------|----------------------------------------------------------------------|---------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                           |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorohexylethanoic acid (6:2 FTCA)          |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorooctylethanoic acid (8:2 FTCA)          |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2-Perfluorodecylethanoic acid (10:2 FTCA)         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropropionic acid (PPF Acid, PFPrA)         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3-methoxypropanoic acid (PFMPA)         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-methoxybutanoic acid (PFMBA)          |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)        |

| Solid and Chemical Materials |                                                                      |                                                                                                |
|------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                                                                        |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro(2-ethoxyethane) sulfonic acid (PFEEA)                                                |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Difluoro(perfluoromethoxy)acetic acid (PFMOAA)                                                 |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-4-isopropoxybutanoic acid (PFECAG, PFPE-1)                                           |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7,9-butoxadecanoic acid (PFO4DA)                                                 |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7-trioxaoctanoic acid (PFO3OA)                                                   |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5-dioxahexanoic acid (PFO2HXA)                                                     |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-{[perfluoro-3-(perfluoroethoxy)-2-propanyl]oxy}ethanesulfonic acid (Hydro-PS Acid) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid (PFO5DoA)                                         |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-(perfluoromethoxy)propanoic acid (PMPA)                                            |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2,3,3,3-Tetrafluoro-2-(pentafluoroethoxy)propanoic acid (PEPA)                                 |

| Solid and Chemical Materials |                                                                      |                                                                                                                                     |
|------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Technology                   | Method                                                               | Analyte                                                                                                                             |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4-(2-carboxy-1,1,2,2-tetrafluoroethoxy)-<br>2,2,3,3,4,5,5,5-octafluoro-pentanoic acid (R-<br>EVE)                                   |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | ,1,2,2-Tetrafluoro-2-(1,2,2,2-<br>tetrafluoroethoxy)ethane-1-sulfonic acid<br>(NVHOS)                                               |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 2,2,3,3-Tetrafluoro-3-{[1,1,1,2,3,3-hexafluoro-3-<br>(1,2,2,2-tetrafluoroethoxy)propan-2-<br>yl]oxy}propanoic acid (Hydro-EVE Acid) |
| LC/MS/MS                     | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 1,1,2,2-tetrafluoro-2-[1,2,2,3,3-pentafluoro-1-<br>(trifluoromethyl)propoxy]ethanesulfonic acid (R-<br>PSDCA)                       |
| LC/MS/MS                     | Draft EPA Method 1633                                                | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS)                                         |
| LC/MS/MS                     | Draft EPA Method 1633                                                | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS)                                         |
| LC/MS/MS                     | Draft EPA Method 1633                                                | N-Ethyl perfluorooctanesulfon amidoacetic acid<br>(EtFOSAA)                                                                         |
| LC/MS/MS                     | Draft EPA Method 1633                                                | N-Methyl perfluorooctanesulfon amidoacetic<br>acide (MeFOSAA)                                                                       |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorooctanoic acid (PFOA)                                                                                                       |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorooctane Sulfonic Acid (PFOS)                                                                                                |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorobutyric acid (PFBA)                                                                                                        |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluoropentanoic acid (PFPA)                                                                                                      |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorohexanoic acid (PFHxA)                                                                                                      |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluoroheptanoic acid (PFHpA)                                                                                                     |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorononanoic acid (PFNA)                                                                                                       |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorodecanoic acid (PFDA)                                                                                                       |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluoroundecanoic acid (PFUDA)                                                                                                    |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorododecanoic acid (PFDoDA)                                                                                                   |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorotridecanoic acid (PFTriA)                                                                                                  |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorotetradecanoic acid (PDTeA)                                                                                                 |
| LC/MS/MS                     | Draft EPA Method 1633                                                | Perfluorobutane Sulfonic Acid (PFBS)                                                                                                |

| Solid and Chemical Materials |                       |                                                                                              |
|------------------------------|-----------------------|----------------------------------------------------------------------------------------------|
| Technology                   | Method                | Analyte                                                                                      |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluorohexane Sulfonic Acid (PFHxS)                                                        |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoroheptane Sulfonic Acid (PFHpS)                                                       |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluorodecane Sulfonic Acid (PFDS)                                                         |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluorooctane Sulfonamide (FOSA)                                                           |
| LC/MS/MS                     | Draft EPA Method 1633 | 4:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorohexane sulfonic acid)<br>(4:2 FTS) |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoropentane Sulfonic acid (PFPS)                                                        |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluorononane Sulfonic acid (PFNS)                                                         |
| LC/MS/MS                     | Draft EPA Method 1633 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                                  |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoro-2-propoxypropionic acid (GenX Parent<br>Acid) (HFPO-DA)                            |
| LC/MS/MS                     | Draft EPA Method 1633 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic<br>acid (9Cl-PF3ONS)                           |
| LC/MS/MS                     | Draft EPA Method 1633 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic<br>acid (11Cl1-PF3OUdS)                       |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluorododecanesulfonic acid (PFDoS)                                                       |
| LC/MS/MS                     | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                                                  |
| LC/MS/MS                     | Draft EPA Method 1633 | N-Methylperfluorooctane sulfonamide<br>(MeFOSA)                                              |
| LC/MS/MS                     | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamido ethanol<br>(EtFOSE)                                       |
| LC/MS/MS                     | Draft EPA Method 1633 | N-Methylperfluorooctane sulfonamido ethanol<br>(MeFOSE)                                      |
| LC/MS/MS                     | Draft EPA Method 1633 | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3<br>FTCA)                                         |
| LC/MS/MS                     | Draft EPA Method 1633 | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)                                                |
| LC/MS/MS                     | Draft EPA Method 1633 | 2H,2H,3H,3H-Perfluorodecanoic acid (7:3<br>FTCA)                                             |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoro-3-methoxypropanoic acid (PFMPA)                                                    |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoro-4-methoxybutanoic acid (PFMBA)                                                     |
| LC/MS/MS                     | Draft EPA Method 1633 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)                                                   |
| LC/MS/MS                     | Draft EPA Method 1633 | Perfluoro(2-ethoxyethane) sulfonic acid<br>(PFEESA)                                          |
| GC/HRMS                      | EPA 1668A/1668C       | PCB 1                                                                                        |
| GC/HRMS                      | EPA 1668A/1668C       | PCB 2                                                                                        |
| GC/HRMS                      | EPA 1668A/1668C       | PCB 3                                                                                        |
| GC/HRMS                      | EPA 1668A/1668C       | PCB 4                                                                                        |

| Solid and Chemical Materials |                 |         |
|------------------------------|-----------------|---------|
| Technology                   | Method          | Analyte |
| GC/HRMS                      | EPA 1668A/1668C | PCB 5   |
| GC/HRMS                      | EPA 1668A/1668C | PCB 6   |
| GC/HRMS                      | EPA 1668A/1668C | PCB 7   |
| GC/HRMS                      | EPA 1668A/1668C | PCB 8   |
| GC/HRMS                      | EPA 1668A/1668C | PCB 9   |
| GC/HRMS                      | EPA 1668A/1668C | PCB 10  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 11  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 12  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 13  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 14  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 15  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 16  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 17  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 18  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 19  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 20  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 21  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 22  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 23  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 24  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 25  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 26  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 27  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 28  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 29  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 30  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 32  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 31  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 33  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 34  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 35  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 36  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 37  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 38  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 39  |

| Solid and Chemical Materials |                 |         |
|------------------------------|-----------------|---------|
| Technology                   | Method          | Analyte |
| GC/HRMS                      | EPA 1668A/1668C | PCB 40  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 41  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 42  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 43  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 44  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 45  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 46  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 47  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 48  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 49  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 50  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 51  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 52  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 53  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 54  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 55  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 56  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 57  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 58  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 59  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 60  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 61  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 62  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 63  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 64  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 65  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 66  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 67  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 68  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 69  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 70  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 71  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 72  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 73  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 74  |

| Solid and Chemical Materials |                 |         |
|------------------------------|-----------------|---------|
| Technology                   | Method          | Analyte |
| GC/HRMS                      | EPA 1668A/1668C | PCB 75  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 76  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 77  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 78  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 79  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 80  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 81  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 82  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 83  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 84  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 85  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 86  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 87  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 88  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 89  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 90  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 91  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 92  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 93  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 94  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 95  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 96  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 97  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 98  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 99  |
| GC/HRMS                      | EPA 1668A/1668C | PCB 100 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 101 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 102 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 103 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 104 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 105 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 106 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 107 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 108 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 109 |

| Solid and Chemical Materials |                 |         |
|------------------------------|-----------------|---------|
| Technology                   | Method          | Analyte |
| GC/HRMS                      | EPA 1668A/1668C | PCB 110 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 111 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 112 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 113 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 114 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 115 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 116 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 117 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 118 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 119 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 120 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 121 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 122 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 123 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 124 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 125 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 126 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 127 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 128 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 129 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 130 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 131 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 132 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 133 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 134 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 135 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 136 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 137 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 138 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 139 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 140 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 141 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 142 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 143 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 144 |

| Solid and Chemical Materials |                 |         |
|------------------------------|-----------------|---------|
| Technology                   | Method          | Analyte |
| GC/HRMS                      | EPA 1668A/1668C | PCB 145 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 146 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 147 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 148 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 149 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 150 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 151 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 152 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 153 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 154 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 155 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 156 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 157 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 158 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 159 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 160 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 161 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 162 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 163 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 164 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 165 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 166 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 167 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 168 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 169 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 170 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 171 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 172 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 173 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 174 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 175 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 176 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 177 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 178 |
| GC/HRMS                      | EPA 1668A/1668C | PCB 179 |

| Solid and Chemical Materials               |                 |                                        |
|--------------------------------------------|-----------------|----------------------------------------|
| Technology                                 | Method          | Analyte                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 180                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 181                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 182                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 183                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 184                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 185                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 186                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 187                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 188                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 189                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 190                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 191                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 192                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 193                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 194                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 195                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 196                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 197                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 198                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 199                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 200                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 201                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 202                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 203                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 204                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 205                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 206                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 207                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 208                                |
| GC/HRMS                                    | EPA 1668A/1668C | PCB 209                                |
| Preparation                                | Method          | Type                                   |
| Separatory Funnel Liquid-Liquid Extraction | EPA 3510C       | Semivolatile and Non-Volatile Organics |
| Solvent Dilution                           | EPA 3580A       | Semivolatile and Non-Volatile Organics |

| Solid and Chemical Materials |          |                                            |
|------------------------------|----------|--------------------------------------------|
| Technology                   | Method   | Analyte                                    |
| TCLP Extraction              | EPA 1311 | Toxicity Characteristic Leaching Procedure |
| SPLP Extraction              | EPA 1312 | Synthetic Precipitation Leaching Procedure |
| STLC Extraction              | CA-WET   | California Waste Extraction Test           |

| Biological Tissue |                                                                      |                                                                                             |
|-------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethyl perfluorooctanesulfon amidoacetic acid<br>(EtFOSAA)                                 |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methyl perfluorooctanesulfon amidoacetic acid<br>(MeFOSAA)                                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctanoic acid (PFOA)                                                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonic Acid (PFOS)                                                        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutyric acid (PFBA)                                                                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropentanoic acid (PFPA)                                                              |

| Biological Tissue |                                                                      |                                       |
|-------------------|----------------------------------------------------------------------|---------------------------------------|
| Technology        | Method                                                               | Analyte                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexanoic acid (PFHxA)        |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptanoic acid (PFHpA)       |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononanoic acid (PFNA)         |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecanoic acid (PFDA)         |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroundecanoic acid (PFUDA)      |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanoic acid (PFDoDA)     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotridecanoic acid (PFTriA)    |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorotetradecanoic acid (PDTeA)   |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorobutane Sulfonic Acid (PFBS)  |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexane Sulfonic Acid (PFHxS) |

| Biological Tissue |                                                                      |                                                                                                  |
|-------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Technology        | Method                                                               | Analyte                                                                                          |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctane Sulfonamide (FOSA)                                                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorohexane sulfonic acid)<br>(4:2 FTS)     |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 10:2 Fluorotelomer sulfonic acid<br>(1H, 1H,2H,2H-perfluorododecane sulfonic acid)<br>(10:2 FTS) |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorohexadecanoic acid (PFHxDA)                                                              |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoropentane Sulfonic acid (PFPS)                                                            |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorononane Sulfonic acid (PFNS)                                                             |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                                      |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoro-2-propoxypropionic acid (GenX Parent<br>Acid) (HFPO-DA)                                |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic<br>acid (9Cl-PF3ONS)                               |
| LC/MS/MS          | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic<br>acid (11Cl-PF3OUdS)                            |

| <b>Biological Tissue</b> |                                                                      |                                                                                             |
|--------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Technology</b>        | <b>Method</b>                                                        | <b>Analyte</b>                                                                              |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorododecanesulfonic acid (PFDoS)                                                      |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorooctadecanoic acid (PFODA)                                                          |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                                                 |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamide<br>(MeFOSA)                                             |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Ethylperfluorooctane sulfonamido ethanol<br>(EtFOSE)                                      |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | N-Methylperfluorooctane sulfonamido ethanol<br>(MeFOSE)                                     |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluoroheptane Sulfonic Acid (PFHpS)                                                      |
| LC/MS/MS                 | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Perfluorodecane Sulfonic Acid (PFDS)                                                        |
| LC/MS/MS                 | Draft EPA Method 1633                                                | 6:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorooctane sulfonic acid)<br>(6:2 FTS) |
| LC/MS/MS                 | Draft EPA Method 1633                                                | 8:2 Fluorotelomer sulfonic acid<br>(1H,1H,2H,2H-perfluorodecane sulfonic acid)<br>(8:2 FTS) |

| <b>Biological Tissue</b> |                       |                                                                                        |
|--------------------------|-----------------------|----------------------------------------------------------------------------------------|
| <b>Technology</b>        | <b>Method</b>         | <b>Analyte</b>                                                                         |
| LC/MS/MS                 | Draft EPA Method 1633 | N-Ethyl perfluorooctanesulfon amidoacetic acid (EtFOSAA)                               |
| LC/MS/MS                 | Draft EPA Method 1633 | N-Methyl perfluorooctanesulfon amidoacetic acid (MeFOSAA)                              |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorooctanoic acid (PFOA)                                                          |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorooctane Sulfonic Acid (PFOS)                                                   |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorobutyric acid (PFBA)                                                           |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluoropentanoic acid (PFPA)                                                         |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorohexanoic acid (PFHxA)                                                         |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluoroheptanoic acid (PFHpA)                                                        |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorononanoic acid (PFNA)                                                          |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorodecanoic acid (PFDA)                                                          |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluoroundecanoic acid (PFUDA)                                                       |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorododecanoic acid (PFDoDA)                                                      |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorotridecanoic acid (PFTriA)                                                     |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorotetradecanoic acid (PDTeA)                                                    |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorobutane Sulfonic Acid (PFBS)                                                   |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorohexane Sulfonic Acid (PFHxS)                                                  |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorooctane Sulfonamide (FOSA)                                                     |
| LC/MS/MS                 | Draft EPA Method 1633 | 4:2 Fluorotelomer sulfonic acid (1H, 1H,2H,2H-perfluorohexane sulfonic acid) (4:2 FTS) |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluoropentane Sulfonic acid (PFPS)                                                  |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorononane Sulfonic acid (PFNS)                                                   |
| LC/MS/MS                 | Draft EPA Method 1633 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)                                            |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluoro-2-propoxypropionic acid (GenX Parent Acid) (HFPO-DA)                         |
| LC/MS/MS                 | Draft EPA Method 1633 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)                        |
| LC/MS/MS                 | Draft EPA Method 1633 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11C1-PF3OUdS)                     |
| LC/MS/MS                 | Draft EPA Method 1633 | Perfluorododecanesulfonic acid (PFDoS)                                                 |
| LC/MS/MS                 | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamide (EtFOSA)                                            |
| LC/MS/MS                 | Draft EPA Method 1633 | N-Methylperfluorooctane sulfonamide (MeFOSA)                                           |
| LC/MS/MS                 | Draft EPA Method 1633 | N-Ethylperfluorooctane sulfonamido ethanol (EtFOSE)                                    |

| Biological Tissue          |                                                                      |                                                      |
|----------------------------|----------------------------------------------------------------------|------------------------------------------------------|
| Technology                 | Method                                                               | Analyte                                              |
| LC/MS/MS                   | Draft EPA Method 1633                                                | N-Methylperfluorooctane sulfonamido ethanol (MeFOSE) |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Perfluoroheptane Sulfonic Acid (PFHpS)               |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Perfluorodecane Sulfonic Acid (PFDS)                 |
| LC/MS/MS                   | Draft EPA Method 1633                                                | 4,4,5,5,6,6,6-Heptafluorohexanoic acid (3:3 FTCA)    |
| LC/MS/MS                   | Draft EPA Method 1633                                                | 2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)        |
| LC/MS/MS                   | Draft EPA Method 1633                                                | 2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)        |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Perfluoro-3-methoxypropanoic acid (PFMPA)            |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Perfluoro-4-methoxybutanoic acid (PFMBA)             |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)           |
| LC/MS/MS                   | Draft EPA Method 1633                                                | Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)     |
| Preparation                | Method                                                               | Type                                                 |
| Tissue Extraction for PFAS | PFAS by LCMSMS<br>Compliant with QSM 5.3<br>Table B-15<br>WS-LC-0025 | Sonication/Solvent Shake with SPE cleanup            |

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. L2468.01.



R. Douglas Leonard Jr., VP, PILR SBU