



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ENVIRONMENTAL

Valid To: September 30, 2027

Certificate Number: 3091.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 6.0 of the DoD/DOE Quality Systems Manual for Environmental Laboratories), accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies: High Resolution Gas Chromatography / Mass Spectrometry, Liquid Chromatography Mass Spectrometry / Mass Spectrometry

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
<u>Dioxins/Furans</u>			
Clean Up Method	EPA 3620C	EPA 3620C	EPA 3620C
1,2,3,4,6,7,8-Heptachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8,9-Heptachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8-Hexachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,6,7,8-Hexachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8,9-Hexachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,4,6,7,8-Hexachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8-Pentachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,4,7,8-Pentachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,7,8-Tetrachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
2,3,7,8-Tetrachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Heptachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Heptachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Hexachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Hexachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Pentachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Pentachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Tetrachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
Total Tetrachlorodibenzo-p-dioxin	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
PCBs			
2-Chlorobiphenyl (1)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3-Chlorobiphenyl (2)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
4-Chlorobiphenyl (3)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2'-Dichlorobiphenyl (4)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3-Dichlorobiphenyl (5)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3'-Dichlorobiphenyl (6)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4-Dichlorobiphenyl (7)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4'-Dichlorobiphenyl (8)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,5-Dichlorobiphenyl (9)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,6-Dichlorobiphenyl (10)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3'-Dichlorobiphenyl (11)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4-Dichlorobiphenyl (12)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4'-Dichlorobiphenyl (13)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,5-Dichlorobiphenyl (14)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
4,4'-Dichlorobiphenyl (15)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3-Trichlorobiphenyl (16)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4-Trichlorobiphenyl (17)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',5-Trichlorobiphenyl (18)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',6-Trichlorobiphenyl (19)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
2,3,3'-Trichlorobiphenyl (20)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4-Trichlorobiphenyl (21)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4'-Trichlorobiphenyl (22)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,5-Trichlorobiphenyl (23)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,6-Trichlorobiphenyl (24)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4-Trichlorobiphenyl (25)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',5-Trichlorobiphenyl (26)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',6-Trichlorobiphenyl (27)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4,4'-Trichlorobiphenyl (28)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4,5-Trichlorobiphenyl (29)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4,6-Trichlorobiphenyl (30)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4',5-Trichlorobiphenyl (31)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4',6-Trichlorobiphenyl (32)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,4-Trichlorobiphenyl (33)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,5-Trichlorobiphenyl (34)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4-Trichlorobiphenyl (35)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',5-Trichlorobiphenyl (36)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,4'-Trichlorobiphenyl (37)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,5-Trichlorobiphenyl (38)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4',5-Trichlorobiphenyl (39)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3'-Tetrachlorobiphenyl (40)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4-Tetrachlorobiphenyl (41)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4'-Tetrachlorobiphenyl (42)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5-Tetrachlorobiphenyl (43)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5'-Tetrachlorobiphenyl (44)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,6-Tetrachlorobiphenyl (45)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,6'-Tetrachlorobiphenyl (46)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4'-Tetrachlorobiphenyl (47)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5-Tetrachlorobiphenyl (48)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5'-Tetrachlorobiphenyl (49)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,6-Tetrachlorobiphenyl (50)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,6'-Tetrachlorobiphenyl (51)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',5,5'-Tetrachlorobiphenyl (52)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',5,6'-Tetrachlorobiphenyl (53)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',6,6'-Tetrachlorobiphenyl (54)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4'-Tetrachlorobiphenyl (55)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4'-Tetrachlorobiphenyl (56)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5-Tetrachlorobiphenyl (57)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5'-Tetrachlorobiphenyl (58)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',6-Tetrachlorobiphenyl (59)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4'-Tetrachlorobiphenyl (60)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,5-Tetrachlorobiphenyl (61)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,6-Tetrachlorobiphenyl (62)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4',5-Tetrachlorobiphenyl (63)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4',6-Tetrachlorobiphenyl (64)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,5,6-Tetrachlorobiphenyl (65)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4'-Tetrachlorobiphenyl (66)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5-Tetrachlorobiphenyl (67)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
2,3',4,5'-Tetrachlorobiphenyl (68)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,6-Tetrachlorobiphenyl (69)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4',5-Tetrachlorobiphenyl (70)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4',6-Tetrachlorobiphenyl (71)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',5,5'-Tetrachlorobiphenyl (72)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',5',6-Tetrachlorobiphenyl (73)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4,4',5-Tetrachlorobiphenyl (74)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,4,4',6-Tetrachlorobiphenyl (75)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,4,5-Tetrachlorobiphenyl (76)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4'-Tetrachlorobiphenyl (77)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5-Tetrachlorobiphenyl (78)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5'-Tetrachlorobiphenyl (79)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',5,5'-Tetrachlorobiphenyl (80)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,4,4',5-Tetrachlorobiphenyl (81)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4-Pentachlorobiphenyl (82)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5-Pentachlorobiphenyl (83)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',6-Pentachlorobiphenyl (84)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4'-Pentachlorobiphenyl (85)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5-Pentachlorobiphenyl (86)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5'-Pentachlorobiphenyl (87)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,6-Pentachlorobiphenyl (88)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,6'-Pentachlorobiphenyl (89)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5-Pentachlorobiphenyl (90)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',6-Pentachlorobiphenyl (91)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,5'-Pentachlorobiphenyl (92)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,6-Pentachlorobiphenyl (93)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,6'-Pentachlorobiphenyl (94)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5',6-Pentachlorobiphenyl (95)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,6,6'-Pentachlorobiphenyl (96)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3',4,5-Pentachlorobiphenyl (97)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3',4,6-Pentachlorobiphenyl (98)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',5-Pentachlorobiphenyl (99)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',6-Pentachlorobiphenyl (100)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5,5'-Pentachlorobiphenyl (101)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5,6'-Pentachlorobiphenyl (102)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,5',6-Pentachlorobiphenyl (103)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,6,6'-Pentachlorobiphenyl (104)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4'-Pentachlorobiphenyl (105)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5-Pentachlorobiphenyl (106)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5-Pentachlorobiphenyl (107)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5'-Pentachlorobiphenyl (108)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,6-Pentachlorobiphenyl (109)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',6-Pentachlorobiphenyl (110)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,5'-Pentachlorobiphenyl (111)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,6-Pentachlorobiphenyl (112)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5',6-Pentachlorobiphenyl (113)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4',5-Pentachlorobiphenyl (114)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4',6-Pentachlorobiphenyl (115)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
2,3,4,5,6-Pentachlorobiphenyl (116)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4',5,6-Pentachlorobiphenyl (117)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5-Pentachlorobiphenyl (118)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',6-Pentachlorobiphenyl (119)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5,5'-Pentachlorobiphenyl (120)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,5',6-Pentachlorobiphenyl (121)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,3',4,5-Pentachlorobiphenyl (122)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,4,4',5-Pentachlorobiphenyl (123)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,4,5,5'-Pentachlorobiphenyl (124)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2',3,4,5,6'-Pentachlorobiphenyl (125)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4',5-Pentachlorobiphenyl (126)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,5,5'-Pentachlorobiphenyl (127)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4'-Hexachlorobiphenyl (128)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5-Hexachlorobiphenyl (129)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5'-Hexachlorobiphenyl (130)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6-Hexachlorobiphenyl (131)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6'-Hexachlorobiphenyl (132)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5'-Hexachlorobiphenyl (133)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,6-Hexachlorobiphenyl (134)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,6'-Hexachlorobiphenyl (135)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',6,6'-Hexachlorobiphenyl (136)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5-Hexachlorobiphenyl (137)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5'-Hexachlorobiphenyl (138)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',6-Hexachlorobiphenyl (139)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',6'-Hexachlorobiphenyl (140)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,5'-Hexachlorobiphenyl (141)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,6-Hexachlorobiphenyl (142)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,6'-Hexachlorobiphenyl (143)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5',6-Hexachlorobiphenyl (144)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,6,6'-Hexachlorobiphenyl (145)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,5'-Hexachlorobiphenyl (146)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,6-Hexachlorobiphenyl (147)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,6'-Hexachlorobiphenyl (148)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5',6-Hexachlorobiphenyl (149)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',6,6'-Hexachlorobiphenyl (150)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,5',6-Hexachlorobiphenyl (151)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,5,6,6'-Hexachlorobiphenyl (152)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',5,5'-Hexachlorobiphenyl (153)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',5',6-Hexachlorobiphenyl (154)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',4,4',6,6'-Hexachlorobiphenyl (155)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5-Hexachlorobiphenyl (156)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5'-Hexachlorobiphenyl (157)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',6-Hexachlorobiphenyl (158)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,5'-Hexachlorobiphenyl (159)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,6-Hexachlorobiphenyl (160)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5',6-Hexachlorobiphenyl (161)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5,5'-Hexachlorobiphenyl (162)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5,6-Hexachlorobiphenyl (163)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
2,3,3',4',5',6-Hexachlorobiphenyl (164)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',5,5',6-Hexachlorobiphenyl (165)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,4,4',5,6-Hexachlorobiphenyl (166)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5,5'-Hexachlorobiphenyl (167)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3',4,4',5',6-Hexachlorobiphenyl (168)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
3,3',4,4',5,5'-Hexachlorobiphenyl (169)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5-Heptachlorobiphenyl (170)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',6-Heptachlorobiphenyl (171)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,5'-Heptachlorobiphenyl (172)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,6-Heptachlorobiphenyl (173)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,6'-Heptachlorobiphenyl (174)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5',6-Heptachlorobiphenyl (175)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,6,6'-Heptachlorobiphenyl (176)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4',5,6-Heptachlorobiphenyl (177)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5',6-Heptachlorobiphenyl (178)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,6,6'-Heptachlorobiphenyl (179)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,5'-Heptachlorobiphenyl (180)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6-Heptachlorobiphenyl (181)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6'-Heptachlorobiphenyl (182)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5',6-Heptachlorobiphenyl (183)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',6,6'-Heptachlorobiphenyl (184)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,5',6-Heptachlorobiphenyl (185)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,5,6,6'-Heptachlorobiphenyl (186)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,5',6-Heptachlorobiphenyl (187)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4',5,6,6'-Heptachlorobiphenyl (188)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,5'-Heptachlorobiphenyl (189)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,6-Heptachlorobiphenyl (190)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5',6-Heptachlorobiphenyl (191)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,5,5',6-Heptachlorobiphenyl (192)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4',5,5',6-Heptachlorobiphenyl (193)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (194)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6-Octachlorobiphenyl (195)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (196)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (197)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,5',6-Octachlorobiphenyl (198)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,5',6'-Octachlorobiphenyl (199)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (200)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (201)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (202)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,5',6-Octachlorobiphenyl (203)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (204)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,3,3',4,4',5,5',6-Octachlorobiphenyl (205)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (206)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (207)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (208)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
Decachlorobiphenyl (209)	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Decachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Dichlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Heptachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Hexachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Monochlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Nonachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Octachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Pentachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Tetrachlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C
Trichlorobiphenyl, Total	EPA 1668A/1668C	EPA 1668A/1668C	EPA 1668A/1668C

Parameter/Analyte	Potable Water	Non-Potable Water	Solid Hazardous Waste (Liquids and Solids)	Biological Tissue
Per-and Polyfluoroalkyl Substances (PFAS)				
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS) (CAS# 27619-97-2)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS) (CAS# 39108-34-4)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) (CAS# 2991-50-6)	EPA 537.1 Rev2	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
N-ethyl perfluorooctanesulfonamide (NEtFOSA) (CAS# 4151-50-2)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE) (CAS# 1691-99-2)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) (CAS# 2355-31-9)	EPA 537.1 Rev2	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
N-methyl perfluorooctanesulfonamide (NMeFOSA) (CAS# 31506-32-8)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>	<u>Biological Tissue</u>
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE) (CAS# 24448-09-7)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorobutanesulfonic acid (PFBS) (CAS# 375-73-5)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorobutanoic acid (PFBA) (CAS# 375-22-4)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorodecanesulfonate (PFDS) (CAS# 335-77-3)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorodecanoic acid (PFDA) (CAS# 335-76-2)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorododecanoic acid (PFDoA) (CAS# 307-55-1)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluoroheptanesulfonate (PFHpS) (CAS# 375-92-8)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluoroheptanoic acid (PFHpA) (CAS# 375-85-9)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorohexadecanoic acid (PFHxDA) (CAS# 67905-19-5)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	-----
Perfluorohexanesulfonic acid (PFHxS) (CAS# 355-46-4)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorohexanoic acid (PFHxA) (CAS# 307-24-4)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorononanoic acid (PFNA) (CAS# 375-95-1)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>	<u>Biological Tissue</u>
Perfluorooctanesulfonamide (PFOSA) (CAS# 754-91-6)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorooctanesulfonic acid (PFOS) (CAS# 1763-23-1)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorooctanoic acid (PFOA) (CAS# 335-67-1)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluoropentanoic acid (PFPeA) (CAS# 2706-90-3)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorotetradecanoic acid (PFTeDA) (CAS# 376-06-7)	EPA 537.1 Rev2	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorotridecanoic acid (PFTrDA) (CAS# 72629-94-8)	EPA 537.1 Rev2	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluoroundecanoic acid (PFUnA) (CAS# 2058-94-8)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Hexafluoropropylene oxide dimer acid (HFPO-DA) (CAS# 13252-13-6)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
4,8-Dioxa-3H-perfluorononanoic acid (ADONA) (CAS# 919005-14-4)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (CAS# 763051-92-9)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS) (CAS# 756426-58-1)	EPA 537.1 Rev2 EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS) (CAS# 757124-72-4)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>	<u>Biological Tissue</u>
Perfluorononanesulfonic acid (PFNS) (CAS# 68259-12-1)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluorooctadecanoic acid (PFODA) (CAS# 16517-11-6)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	-----
Perfluoropentanesulfonic acid (PFPeS) (CAS# 2706-91-4)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
10:2 Fluorotelomer sulfonic acid (10:2 FTS) (CAS# 120226-60-0)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	-----
3-Perfluoropropyl propanoic acid (3:3 FTCA) (CAS# 356-02-5)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
3-Perfluoroheptyl propanoic acid (7:3 FTCA) (CAS# 812-70-4)	-----	EPA 1633/1633A	EPA 1633/1633A	EPA 1633/1633A
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA) (CAS# 914637-49-3)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Potassium perfluoro-4-ethylcyclohexanesulfonate (PFecHS) (CAS# 646-83-3)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	-----
Sodium perfluoro-1-propanesulfonate (PFPrS) (CAS# 423-41-6)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	-----
Perfluorododecanesulfonic acid (PFDoS) (CAS# 79780-39-5)	-----	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	-----
Perfluoror(2-ethoxyethane)sulfonic acid (PFEEESA) (CAS# 113507-82-7)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Perfluoro-3-methoxypropanoic acid (PFMPA) (CAS# 377-73-1)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>	<u>Biological Tissue</u>
Perfluoro-4-methoxybutanoic acid (PFMBA) (CAS# 863090-89-5)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) (CAS# 151772-58-6)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 EPA 1633/1633A	EPA 1633/1633A



Accredited Laboratory

A2LA has accredited

ENTHALPY ANALYTICAL, LLC

El Dorado Hills, CA

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process that includes an assessment of the laboratory's compliance with ISO/IEC 17025:2017 and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 6.0 of the DoD/DOE Quality System Manual for Environmental Laboratories (QSM) and the A2LA R220 – *Specific Requirements – A2LA DoD Environmental Laboratory Accreditation Program*, accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 11th day of June 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3091.01
Valid to September 30, 2027

For the tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.