



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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ENVIRONMENTAL

Valid To: September 30, 2025

Certificate Number: 3091.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2017, the 2009/2016 TNI Environmental Testing Laboratory Standard, the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.4 of the DoD 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	Nonpotable Water	Solid Hazardous Waste	Tissue
<u>Dioxins/Furans</u>			
Clean Up Method	3620C	3620C	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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A	EPA 1613B EPA 8290/8290A
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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
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
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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
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
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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
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
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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
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
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

Parameter/Analyte	Nonpotable Water	Solid Hazardous Waste	Tissue
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
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)
<u>Per-and Polyfluoroalkyl Substances (PFAS)</u>			
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B- 15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	EPA 537.1 PFAS by LCMSMS Compliant with QSM 5.4 Table B- 15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B- 15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	EPA 537.1 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
N-methyl perfluorooctanesulfonamide (NMeFOSA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorobutanoic acid (PFBA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorodecanesulfonate (PFDS)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorodecanoic acid (PFDA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorododecanoic acid (PFDoA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>
Perfluoroheptanesulfonate (PFHpS)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluoroheptanonic acid (PFHpA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
Perfluorohexadecanoic acid (PFHxDA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	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)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorohexanoic acid (PFHxA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorononanoic acid (PFNA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorooctanesulfonamide (PFOSA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>
Perfluorooctanoic acid (PFOA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoropentanoic acid (PFPeA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorotetradecanoic acid (PFTeDA)	EPA 537.1 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoroundecanoic acid (PFUnA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>
9-Chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1 EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2 FTS)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorononanesulfonic acid (PFNS)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluorooctadecanoic acid (PFODA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoropentanesulfonic acid (PFPeS)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft Method EPA 1633
10:2 Fluorotelomer sulfonic acid (10:2 FTS)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	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)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Potassium perfluoro-4-ethylcyclohexanesulfonate (PFecHS)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste (Liquids and Solids)</u>
Sodium perfluoro-1-propanesulfonate (PFPrS)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	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)	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533 PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15 Draft 2 Method EPA 1633





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, the 2009/2016 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.4 of the DoD Quality System Manual for Environmental Laboratories (QSM), 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 16th day of June 2023.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3091.01
Valid to September 30, 2025

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