



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS LANCASTER LABORATORIES ENVIRONMENT TESTING LLC
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ENVIRONMENTAL

Valid To: November 30, 2024

Certificate Number: 0001.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the 2009 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/DOE Quality Systems Manual for Environmental Laboratories, and ISO/IEC 17025:2017, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies in the analyte categories identified below, and on the following matrices as applicable: Drinking Water, Bottled Water, Water as a Component of Food and Beverage, Non-Potable Water, Food and Feed, Aqueous and Solid Hazardous Waste, and Tissue.

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, ICP-MS Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, Ion Chromatography, Misc.-Electronic Probes (pH, F⁻, O₂), Oxygen Demand, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, TCLP, Total Organic Carbon, Turbidity, Liquid Chromatography/Mass Spectrometry/Mass Spectrometry, High Resolution Gas Chromatography/Mass Spectrometry

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Demands				
COD	-----	EPA 410.4	EPA 410.4	-----
Total Organic Carbon	-----	EPA 9060A SM 5310C-2014	EPA 9060A SM 5310C-2014	EPA 9060A Lloyd Kahn
Anions				
Ammonia	-----	EPA 350.1	EPA 350.1	SM 4500-NH3 B/C-2011
Fluoride	-----	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A
Nitrate (as N)	-----	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 9056A
Nitrite (as N)	-----	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 9056A

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Nitrate Nitrite Total	-----	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056A	EPA 300.0 EPA 9056A
Bromide	-----	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A	-----
Chloride	-----	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A
Sulfate	-----	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A	EPA 300.0 EPA 9056A
Wet Chemistry				
Acid Volatile Sulfide	-----	-----	EPA-821-R-91-100	EPA-821-R-91-100
AVS-SEM Distillation	-----	-----	EPA-821-R-91-100	EPA-821-R-91-100
Alkalinity	-----	SM 2320B-2011	SM 2320B-2011	-----
Biochemical Oxygen Demand (BOD)	-----	SM 5210B-2016	SM 5210B-2016	-----
Carbonaceous Biochemical Oxygen Demand (CBOD)	-----	SM 5210B-2016	SM 5210B-2016	-----
Corrosivity	-----	-----	SW-846 Chapter 7	SW-846 Chapter 7
Conductivity	-----	SM 2510B-2011	SM 2510B-2011	-----
Cyanide	-----	EPA 9012B	EPA 9012B	EPA 9012B
Ferrous Iron	-----	SM 3500Fe B-2011	SM 3500Fe B-2011	-----
Filterable Residue (TDS)	-----	SM 2540C-2015	SM 2540C-2015	-----
Flashpoint	-----	EPA 1010A/B	EPA 1010A/B	EPA 1010A/B
Grain Size	-----	-----	-----	ASTM D422 MOD
Hardness	-----	EPA 130.2 SM 2340B-2011 SM 2340C-2011	EPA 130.2 SM 2340B-2011 SM 2340C-2011	-----
HEM (Oil&Grease)	-----	EPA 1664B	EPA 1664B	EPA 9071B
Hexavalent Chromium Digestion	-----	-----	-----	EPA 3060A
Hexavalent Chromium	-----	EPA 218.6 EPA 7196A EPA 7199	EPA 7196A EPA 7199	EPA 7196A EPA 7199
Ignitability	-----	-----	40 CFR 261.21	40 CFR 261.21
Non-filterable Residue (TSS)	-----	SM 2540D-2015	SM 2540D-2015	-----
Orthophosphate	-----	EPA 365.3	EPA 365.3	-----
Paint Filter	-----	-----	-----	EPA 9095B
pH	-----	SM 4500 H+B-2011 EPA 9040B/C	EPA 9040B/C	EPA 9045C/D
Phenol	-----	EPA 9066	EPA 9066	-----
Reactivity Prep	-----	-----	SW-846 Chapter 7.3	SW-846 Chapter 7.3
Reactive Cyanide	-----	-----	EPA 9012B	EPA 9012B
Reactive Sulfide	-----	-----	EPA 9034	EPA 9034



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
SGT-HEM (Total Petroleum Hydrocarbons)	-----	EPA 1664B	EPA 1664B	EPA 9071B
Sulfide	-----	EPA 376.1 EPA 376.2 SM 4500 S2D-2011 SM 4500 S2F-2011	EPA 376.1 EPA 376.2 SM 4500 S2D-2011 SM 4500 S2F-2011	-----
Total Kjeldahl Nitrogen (TKN)	-----	EPA 351.2	EPA 351.2	EPA 351.2
Total Phosphorus	-----	EPA 365.1 SM 4500P F-2011	EPA 365.1 SM 4500P F-2011	EPA 365.1 SM 4500P F-2011
Total Residue	-----	SM 2540B-2015	SM 2540B-2015	SM 2540G-2015
Metals				
Metals Digestion	-----	EPA 3005A	EPA 3005A	EPA 3050B
Aluminum	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Antimony	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Arsenic	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Barium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Beryllium	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Boron	-----	EPA 200.7 EPA 6010D	EPA 6010D	EPA 6010D
Cadmium	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Calcium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Chromium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cobalt	EPA 200.7	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Copper	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Iron	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lead	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lithium	EPA 200.7	EPA 200.7 EPA 6010D	EPA 6010D	EPA 6010D
Molybdenum	-----	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Magnesium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Manganese	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Mercury	EPA 245.1	EPA 245.1 EPA 7470A	EPA 245.1 EPA 7470A	EPA 7471B
Nickel	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Potassium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Selenium	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Silicon	-----	EPA 200.7 EPA 6010D	EPA 6010D	EPA 6010D
Silver	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Sodium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Strontium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Sulfur	EPA 200.7	EPA 200.7 EPA 6010D	EPA 6010D	EPA 6010D
Thallium	EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Thorium	-----	EPA 6010D	EPA 6010D	EPA 6010D
Tin	EPA 200.7	EPA 200.7 EPA 6010D	EPA 6010D	EPA 6010D
Titanium	-----	EPA 200.7 EPA 200.8 EPA 6010D	EPA 6010D	EPA 6010D
Tungsten	-----	EPA 6010D	EPA 6010D	EPA 6010D
Uranium	-----	EPA 200.8 EPA 6020B	EPA 6020B	EPA 6020B
Vanadium	EPA 200.7	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Zinc	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Zirconium	-----	EPA 6010D	EPA 6010D	EPA 6010D
Simultaneously Extracted Metals (SEM) by EPA-821-R-91-100				
Aluminum	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B



<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Antimony	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Arsenic	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Barium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Beryllium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cadmium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Calcium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Chromium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cobalt	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Copper	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Iron	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lead	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Molybdenum	-----	-----	EPA 6020B	EPA 6020B
Magnesium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Manganese	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Mercury	-----	-----	EPA 7470A	EPA 7470A
Nickel	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Potassium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Selenium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Silver	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Sodium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Strontium	-----	-----	EPA 6020B	EPA 6020B
Thallium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Tin	-----	-----	EPA 6020B	EPA 6020B
Titanium	-----	-----	EPA 6020B	EPA 6020B
Vanadium	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Zinc	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Purgeable Organics (Volatiles)				
Volatile Preparation	-----	EPA 5030C	EPA 5030C	EPA 5035A
Acetone	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Acetonitrile	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Acrolein	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Acrylonitrile	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Allyl chloride	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Amyl Alcohol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Amyl Methyl Ether	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Butyl Alcohol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Butyl Formate	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Benzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Bromobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Bromochloromethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Bromodichloromethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Bromoform	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Bromomethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Butanone	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
n-Butylbenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
sec-Butylbenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Butylbenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Carbon disulfide	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Carbon tetrachloride	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Chloro-1,3-butadiene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chloroacetonitrile	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chlorobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1-Chlorobutane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chlorodifluoromethane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Chloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Chloroethyl Vinyl Ether	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chloroform	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1-Chlorohexane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chloromethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Chlorotoluene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
4-Chlorotoluene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Cyclohexane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Cyclohexanone	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Di-Isopropyl ether	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Dibromochloromethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2-Dibromo-3-chloropropane	EPA 524.2	EPA 8260C/D EPA 8011	EPA 8260C/D EPA 8011	EPA 8260C/D
Dibromomethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2-Dibromoethane (EDB)	-----	EPA 8260C/D EPA 8011	EPA 8260C/D EPA 8011	EPA 8260C/D
1,2-Dichlorobenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,3-Dichlorobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,4-Dichlorobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
trans-1,4-dichloro-2-butene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Dichlorodi-fluoromethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1-Dichloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2-Dichloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1-Dichloroethene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
cis-1,2-Dichloroethene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
trans-1,2-Dichloroethene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Dichlorofluoromethane	EPA 524.2	-----	-----	-----
1,2-Dichloropropane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,3-Dichloropropane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2,2-Dichloropropane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1-Dichloropropene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
cis-1,3-Dichloropropene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
trans-1,3-Dichloropropene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,4-Dioxane	-----	EPA 8260C/D EPA 8260C/D SIM	EPA 8260C/D EPA 8260C/D SIM	EPA 8260C/D EPA 8260C/D SIM
Ethanol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethylbenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethyl ether	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethyl Methacrylate	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethyl Tert-Butyl Ether	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Freon-113	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Gasoline Range Organics (GRO) [Volatile Petroleum Hydrocarbons (VPH)]	-----	EPA 8015C EPA 8015D EPA 8260C/D NW TPH-Gx MA VPH AK101	EPA 8015C EPA 8015D EPA 8260C/D NW TPH-Gx MA VPH AK101	EPA 8015C EPA 8015D EPA 8260C/D NW TPH-Gx MA VPH AK101
Heptane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Hexane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Hexanone	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Hexachlorobutadiene	EPA 524.2			
Hexachloroethane	EPA 524.2			
Isopropyl Alcohol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Isopropylbenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,4-Isopropyltoluene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methylacrylonitrile	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methyl Acetate	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methyl Acrylate	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methyl Iodide	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methylene Chloride	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methyl Methacrylate	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methyl Tert-Butyl Ether	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
4-Methyl-2-pentanone	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Methylcyclohexane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Nitropropane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Naphthalene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Pentachloroethane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Propionitrile	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
n-Propylbenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Styrene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Tert-Amyl Ethyl Ether	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1,1,2-Tetrachloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1,2,2-Tetrachloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Tetrachloroethene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Tetrahydrofuran	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Toluene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2,3-Trichlorobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2,4-Trichlorobenzene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1,1-Trichloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1,2-Trichloroethane	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Trichloroethene	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Trichlorofluoromethane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
1,2,3-Trichloropropane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2,4-Trimethylbenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,3,5-Trimethylbenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
130B Vinyl Acetate	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Vinyl Chloride	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Xylenes, Total	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,2-Xylene (o-Xylene)	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,3+1,4-Xylene (m+p Xylene)	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Extractable Organics (Semivolatiles)				
Acenaphthene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Acenaphthylene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Acetophenone	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Acetylaminofluorene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Alkylated PAHs	-----	EPA 8270D/E SIM	EPA 8270D/E SIM	EPA 8270D/E SIM
4-Aminobiphenyl	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Amino-4,6-dinitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
4-Amino-2,6-dinitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Aniline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Anthracene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Atrazine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Benzaldehyde	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Benzidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Benzoic acid	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Benzo (a) anthracene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Benzo (b) fluoranthene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Benzo (k) fluoranthene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Benzo (ghi) perylene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Benzo (a) pyrene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Benzo (e) pyrene	-----	EPA 8270D/E SIM	EPA 8270D/E SIM	EPA 8270D/E SIM
Benzyl Alcohol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Biphenyl	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
bis (2-Chloroethoxy) Methane	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
bis (2-Chloroethyl) Ether	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
bis (2-Ethylhexyl) Phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
4-Bromophenylphenyl Ether	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Butyl benzyl Phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Caprolactam	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Carbazole	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
<u>Carbon Range Organics C8-C44 (including subsets of this range i.e. HRO, MRO, ORO, RRO)</u>	-----	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D
4-Chloroaniline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Chloro-3-methylphenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Chlorobenzilate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1-Chloronaphthalene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Chloronaphthalene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Chlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Chlorophenyl phenyl ether	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Chrysene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Cresols (Methyl phenols)	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
cis-/trans-Diallate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4-Diamino-6-nitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2,6-Diamino-4-nitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Dibenzo (a,h) acridine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Dibenzo (a,h) anthracene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Dibenzofuran	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
1,2-Dichlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,3-Dichlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,4-Dichlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
3,3-Dichlorobenzidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Diesel Range Organics (DRO) [Extractable Petroleum Hydrocarbons (EPH)]	-----	EPA 8015C EPA 8015D NWTPH DX MA EPH TX1005 AK102/103 AK102/103-SV	EPA 8015C EPA 8015D NWTPH DX MA EPH TX1005 AK102/103 AK102/103-SV	EPA 8015C EPA 8015D NWTPH DX MA EPH TX1005 AK102/103



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,4-Dichlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,6-Dichlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Diethyl Phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Dimethoate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
p-Dimethylaminoazobenze	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
7,12-Dimethylbenz (a) anthracene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4-Dimethylphenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Dimethyl Phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
3,3'-Dimethylbenzidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Di-n-butyl Phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Di-n-octyl phthalate	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
3,5-Dinitroaniline	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
1,3-Dinitrobenzene	-----	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B MOD
1,4-Dinitrobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4-Dinitrophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4-Dinitrotoluene	-----	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B MOD
2,6-Dinitrotoluene	-----	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B MOD
1,4-Dioxane	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Diphenylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Diphenyl ether	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,2-Diphenylhydrazine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Ethyl Methanesulfonate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Fluoroanthene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Fluorene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Hexachlorobenzene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Hexachlorobutadiene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Hexachlorocyclo- pentadiene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Hexachloroethane	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Hexachloropropene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Hexahydro-1,3,5-trinitro- 1,3,5-triazine (RDX)	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Indeno (1,2,3-cd) Pyrene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Isodrin	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Isophorone	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Isosafrole	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
3-Methylcholanthrene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Methyl-4,6-dinitrophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Methyl methane sulfonate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1-Methylnaphthalene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
2-Methylnaphthalene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
2-Methylphenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Methylphenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Naphthalene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
1,4-Naphthoquinone	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1-Naphthylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Naphthylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Nitroquinoline-1-oxide	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Nitroaniline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
3-Nitroaniline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Nitroaniline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Nitrobenzene	-----	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B	EPA 8270D/E EPA 8330B MOD
Nitroglycerin	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2-Nitrophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
4-Nitrophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Nitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
3-Nitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
4-Nitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
5-Nitro-o-toluidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitroso-di-n-butylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosodiethylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosodimethylamine	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
n-Nitrosomethylethylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosomorpholine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosodi-n-propylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosodiphenylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosopiperidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
n-Nitrosopyrrolidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2,2-Oxybis (1-chloropropane)	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pentachlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pentachloronitrobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pentachlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pentaerythritol Tetranitrate (PETN)	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Perylene	-----	EPA 8270D/E SIM	EPA 8270D/E SIM	EPA 8270D/E SIM
Phenacetin	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Phenanthrene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Phenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2-Picoline	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pronamide	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Pyrene	-----	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM	EPA 8270D/E EPA 8270D/E SIM
Pyridine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Safrole	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,2,4,5- Tetrachlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,3,4,6-Tetrachlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Tetraethyl dithiopyrophosphate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Tetraethyl lead	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Tetryl	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Thionazin	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
o-Toluidine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,2,4-Trichlorobenzene	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
1,3,5-Trinitrobenzene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2,4,5-Trichlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4,6-Trichlorophenol	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
O,O,O-Triethylphosphorothioate	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
2,4,6-Trinitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Organochlorine Pesticides				
Aldrin	-----	EPA 8081B	EPA 8081B	EPA 8081B
alpha-BHC	-----	EPA 8081B	EPA 8081B	EPA 8081B
beta-BHC	-----	EPA 8081B	EPA 8081B	EPA 8081B
delta-BHC	-----	EPA 8081B	EPA 8081B	EPA 8081B
gamma-BHC (Lindane)	-----	EPA 8081B	EPA 8081B	EPA 8081B
alpha-Chlordane	-----	EPA 8081B	EPA 8081B	EPA 8081B
Chlordane (Technical)	-----	EPA 8081B	EPA 8081B	EPA 8081B
2,4'-DDD	-----	EPA 8081B	EPA 8081B	EPA 8081B
2,4'-DDE	-----	EPA 8081B	EPA 8081B	EPA 8081B
2,4'-DDT	-----	EPA 8081B	EPA 8081B	EPA 8081B
4,4'-DDD	-----	EPA 8081B	EPA 8081B	EPA 8081B



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
4,4'-DDE	-----	EPA 8081B	EPA 8081B	EPA 8081B
4,4'-DDT	-----	EPA 8081B	EPA 8081B	EPA 8081B
Dieldrin	-----	EPA 8081B	EPA 8081B	EPA 8081B
Dinoseb	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Endosulfan I (alpha)	-----	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan II (beta)	-----	EPA 8081B	EPA 8081B	EPA 8081B
Endosulfan Sulfate	-----	EPA 8081B	EPA 8081B	EPA 8081B
Endrin	-----	EPA 8081B	EPA 8081B	EPA 8081B
Endrin Aldehyde	-----	EPA 8081B	EPA 8081B	EPA 8081B
Endrin Ketone	-----	EPA 8081B	EPA 8081B	EPA 8081B
gamma-Chlordane	-----	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor	-----	EPA 8081B	EPA 8081B	EPA 8081B
Heptachlor Epoxide	-----	EPA 8081B	EPA 8081B	EPA 8081B
Hexachlorobenzene	-----	EPA 8081B	EPA 8081B	EPA 8081B
Hexachlorocyclopentadiene	-----	EPA 8081B	EPA 8081B	EPA 8081B
Methoxychlor	-----	EPA 8081B	EPA 8081B	EPA 8081B
Mirex	-----	EPA 8081B	EPA 8081B	EPA 8081B
Toxaphene	-----	EPA 8081B	EPA 8081B	EPA 8081B
PCBs (Aroclors)				
PCB-1016 (Arochlor)	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1221	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1232	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1242	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1248	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1254	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1260	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1262	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB-1268	-----	EPA 8082A	EPA 8082A	EPA 8082A
PCB congeners (209)	-----	EPA 1668A EPA 1668C	EPA 1668A EPA 1668C	EPA 1668A EPA 1668C
Herbicides				
2,4,5-T	-----	EPA 8151A	EPA 8151A	EPA 8151A
2,4,5-TP (Silvex)	-----	EPA 8151A	EPA 8151A	EPA 8151A
2,4-D	-----	EPA 8151A	EPA 8151A	EPA 8151A
2,4-DB	-----	EPA 8151A	EPA 8151A	EPA 8151A
Dalapon	-----	EPA 8151A	EPA 8151A	EPA 8151A
Dicamba	-----	EPA 8151A	EPA 8151A	EPA 8151A
Dichlorprop	-----	EPA 8151A	EPA 8151A	EPA 8151A
Dinoseb	-----	EPA 8151A	EPA 8151A	EPA 8151A
MCPA	-----	EPA 8151A	EPA 8151A	EPA 8151A
MCPP	-----	EPA 8151A	EPA 8151A	EPA 8151A
Pentachlorophenol	-----	EPA 8151A	EPA 8151A	EPA 8151A
PCB Homologues				
Monochlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Dichlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Trichlorobiphenyls	-----	EPA 680	EPA 680	EPA 680



Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Tetrachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Pentachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Hexachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Heptachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Octachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Nonachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Decachlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Dioxins/Furans				
2,3,7,8-TCDD	EPA 1613B	EPA 8290A	EPA 8290A	EPA 8290A
2,3,7,8-TCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,7,8-PeCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
2,3,4,7,8-PeCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,7,8-PeCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,4,7,8-HxCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,6,7,8-HxCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
2,3,4,6,7,8-HxCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,7,8,9-HxCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,4,7,8,-HxCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,6,7,8-HxCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,7,8,9-HxCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,4,6,7,8-HpCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,4,7,8,9-HpCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
1,2,3,4,6,7,8-HpCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
OCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
OCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total HpCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total HpCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total HxCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total HxCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total PeCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total PeCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total TCDD	-----	EPA 8290A	EPA 8290A	EPA 8290A
Total TCDF	-----	EPA 8290A	EPA 8290A	EPA 8290A
Misc. Headspace Analysis				
Carbon dioxide	-----	RSK-175	RSK-175	-----
Ethane	-----	RSK-175	RSK-175	-----
Ethene	-----	RSK-175	RSK-175	-----
Methane	-----	RSK-175	RSK-175	-----
Acetylene	-----	RSK-175	RSK-175	-----
Propane	-----	RSK-175	RSK-175	-----
Hazardous Waste Characteristics				
Toxicity Characteristic Leaching Procedure	-----	-----	EPA 1311	EPA 1311
Synthetic Precipitation Leaching Procedure	-----	-----	EPA 1312	EPA 1312

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
ASTM Leaching Procedure	-----	-----	ASTM D3987-12	ASTM D3987-12
Other				
Perchlorate	-----	EPA 6850	EPA 6850	EPA 6850
Hydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
Formaldehyde	-----	-----	EPA 8315A	EPA 8315A
Methylhydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
1,1-Dimethylhydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
Acetic Acid	-----	EPA 8015D	EPA 8015D	-----
Butyric acid	-----	EPA 8015D	EPA 8015D	-----
Lactic Acid	-----	EPA 8015D	EPA 8015D	-----
Propionic Acid	-----	EPA 8015D	EPA 8015D	-----
Pyruvic Acid	-----	EPA 8015D	EPA 8015D	-----
Citric Acid	-----	EPA 8015D	EPA 8015D	-----
Formic Acid	-----	EPA 8015D	EPA 8015D	-----
Oxalic Acid	-----	EPA 8015D	EPA 8015D	-----
Quinic Acid	-----	EPA 8015D	EPA 8015D	-----
Succinic Acid	-----	EPA 8015D	EPA 8015D	-----
Tartaric Acid	-----	EPA 8015D	EPA 8015D	-----
Volatile Preparation	-----	EPA 5030C	EPA 5030C	EPA 5035A
Organic Extraction/Cleanup	-----	EPA 3510C EPA 3511 EPA 3660B, 3620C, 3665A	EPA 3510C EPA 3511 EPA 3660B, 3620C, 3665A	EPA 3546 EPA 3550C EPA 3660B, 3620C, 3665A, 3640A

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
Per and Polyfluoroalkyl Substances (PFAS)				
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	EPA 537 EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
N-methyl perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	EPA 537 EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorobutanesulfonic Acid (PFBS)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633	Draft Method EPA 1633 (Version 4)

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
		(Version 4)	(Version 4)	
Perfluorodecanoic Acid (PFDA) CASRN: 335-76-2	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorododecanoic Acid (PFDoA)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoroheptanoic Acid (PFHpA) CASRN: 375-85-9	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorohexanesulfonic Acid (PFHxS) CASRN: 355-46-4	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorohexanoic Acid (PFHxA)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorononanoic Acid (PFNA)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorooctanesulfonic Acid (PFOS)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorooctanoic Acid (PFOA)	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633	Draft Method EPA 1633 (Version 4)

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
		(Version 4)	(Version 4)	
Perfluorotetradecanoic Acid (PFTeDA) CASRN: 376-06-7	EPA 537 EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorotridecanoic Acid (PFTrDA) CASRN: 72629-94-8	EPA 537 EPA 537.1	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoroundecanoic Acid (PFUnA) CASRN: 2058-94-8	EPA 537 EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Hexafluoropropylene oxide dimer acid (HFPO-DA)	EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
9-Chlorohexadecafluoro-3-oxanonane-1- sulfonic acid (9Cl-PF3ONS)	EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
11-Chloroeicosafluoro-3-oxaundecane-1- sulfonic acid (11Cl-PF3OUdS)	EPA 537.1 EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
Perfluorobutanoic Acid (PFBA)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoropentanoic Acid (PFPeA) CASRN: 2706-90-3	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2-FTS) CASRN: 39108-34-4	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoropentanesulfonic Acid (PFPeS)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2-FTS) CASRN: 27619-97-2	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoroheptanesulfonic Acid (PFHpS) CASRN: 375-92-8	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorononanesulfonic Acid (PFNS)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
Perfluorodecanesulfonic Acid (PFDS)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
10:2 Fluorotelomersulfonic Acid (10:2-FTS)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	-----
Perfluorododecanesulfonic Acid (PFDoS)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluorohexadecanoic Acid (PFHxDA)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	-----
Perfluorooctadecanoic Acid (PFODA)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15	-----
Perfluorooctanesulfonamide (PFOSA)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE) CASRN: 24448-09-7	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
N-methyl perfluorooctanesulfonamide (NMeFOSA)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)

Parameter/Analyte	Drinking Water	Nonpotable Water	Solid Haz.Waste	Tissue
N-ethylperfluorooctanesulfonamide (NEtFOSA)	-----	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoro-3-methoxypropanoic acid (PFMPA) CASRN: 377-73-1	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	EPA 533	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
3-Perfluoropropylpropanoic acid (3:3 FTCA) CASRN: 356-02-5	---	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	---	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)
3-Perfluoroheptylpropanoic acid (7:3 FTCA) CASRN: 812-70-4	---	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	PFAS by LCMSMS Compliant with QSM 5.3/5.4 Table B-15 Draft Method EPA 1633 (Version 4)	Draft Method EPA 1633 (Version 4)

In addition, 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 TNI Environmental Testing Laboratory Standard, and for the test methods applicable to Kentucky Statute KRS 224.60-130(2)(a), and for the test methods applicable to the Wyoming Storage Tank Remediation Laboratory Accreditation Program), 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

Atomic Absorption/ICP-AES Spectrometry, ICP-MS Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, Ion Chromatography, Misc.-Electronic Probes (pH, F⁻, O₂), Oxygen Demand, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, TCLP, Total Organic Carbon, Turbidity, Liquid Chromatography/Mass Spectrometry/Mass Spectrometry, High Resolution Gas Chromatography/Mass Spectrometry

<u>Parameter/Analyte</u>	<u>Tissue</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Other				



Perchlorate	Food & Food Products EPA 6850	EPA 6850	EPA 6850	EPA 6850
Hydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
Methylhydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
1,1-Dimethylhydrazine	-----	EPA 8315A MOD	EPA 8315A MOD	EPA 8315A MOD
Volatile Preparation	-----	EPA 5030C	EPA 5030C	EPA 5035A
Organic Extraction/ Cleanup	EPA 3546 EPA 3550C EPA 3660B EPA 3620C EPA 3665A EPA 3640A	EPA 3510C EPA 3511 EPA 3660B EPA 3620C EPA 3665A	EPA 3510C EPA 3511 EPA 3660B EPA 3620C EPA 3665A	EPA 3546 EPA 3550C EPA 3660B EPA 3620C EPA 3665A EPA 3640A

<u>Parameter/Analyte</u>	<u>Tissue</u>	<u>Nonpotable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Kentucky UST Program				
Metals				
Arsenic	-----	-----	EPA 6010B	EPA 6010B
Barium	-----	-----	EPA 6010B	EPA 6010B
Cadmium	-----	-----	EPA 6010B	EPA 6010B
Chromium	-----	-----	EPA 6010B	EPA 6010B
Lead	-----	-----	EPA 6010B	EPA 6010B
Mercury	-----	-----	EPA 7470A	EPA 7471A
Selenium	-----	-----	EPA 6010B	EPA 6010B
Silver	-----	-----	EPA 6010B	EPA 6010B
Purgeable Organics (Volatiles)				

Parameter/Analyte	Tissue	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Diesel Range Organics (DRO)	-----	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D
Gasoline Range Organics (GRO)	-----	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D	EPA 8015C EPA 8015D
Wyoming Storage Tank Program				
Metals				
Cadmium	-----	-----	EPA 6010C	EPA 6010C
Chromium	-----	-----	EPA 6010C	EPA 6010C
Chromium (Total, hexavalent)	-----	-----	EPA 7196A	EPA 7196A
Lead	-----	-----	EPA 6010C	EPA 6010C
Purgeable Organics (Volatiles)				
Volatile Preparation	-----	-----	EPA 5030C	EPA 5035A
Benzene	-----	-----	EPA 8260D	EPA 8260D
1,2-Dichloroethane	-----	-----	EPA 8260D	EPA 8260D
1,2-Dibromoethane	-----	-----	EPA 8011	EPA 8011
Diisopropyl Ether	-----	-----	EPA 8260D	EPA 8260D
Ethyl Benzene	-----	-----	EPA 8260D	EPA 8260D
Ethyl tert-butyl Ether	-----	-----	EPA 8260D	EPA 8260D
Methyl tert-butyl Ether	-----	-----	EPA 8260D	EPA 8260D
Naphthalene	-----	-----	EPA 8260D	EPA 8260D
Toluene	-----	-----	EPA 5030C EPA 8260D	EPA 8260D
Tert-amyl Methyl Ether	-----	-----	EPA 8260D	EPA 8260D
Tert-butyl Alcohol	-----	-----	EPA 8260D	EPA 8260D
Xylenes, total	-----	-----	EPA 8260D	EPA 8260D
Gasoline Range Organics (GRO C6-C10)	-----	-----	EPA 8260D	EPA 8260D
Extractable Organics (Semivolatiles)				
Diesel Range Organics (DRO C10- C32)	-----	-----	EPA 8015C w/ EPA 3630 cleanup	EPA 8015C w/ EPA 3630 cleanup

In recognition of the successful completion of the A2LA evaluation process, including an assessment of the laboratory's compliance with ISO/IEC 17025:2017 accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and, in the analyte, categories identified below:

Food and Feed (WHO 29)	Food/Feed
2,3,7,8-TCDD	EPA 1613B
2,3,7,8-TCDF	EPA 1613B
1,2,3,7,8-PeCDF	EPA 1613B
2,3,4,7,8-PeCDF	EPA 1613B
1,2,3,7,8-PeCDD	EPA 1613B
1,2,3,4,7,8-HxCDF	EPA 1613B
1,2,3,6,7,8-HxCDF	EPA 1613B
2,3,4,6,7,8-HxCDF	EPA 1613B
1,2,3,7,8,9-HxCDF	EPA 1613B
1,2,3,4,7,8-HxCDD	EPA 1613B
1,2,3,6,7,8-HxCDD	EPA 1613B
1,2,3,7,8,9-HxCDD	EPA 1613B
1,2,3,4,6,7,8-HpCDF	EPA 1613B
1,2,3,4,7,8,9-HpCDF	EPA 1613B
1,2,3,4,6,7,8-HpCDD	EPA 1613B
OCDF	EPA 1613B
OCDD	EPA 1613B
Food and Feed (WHO 29)	Food/Feed
6 marker PCBs (PCB28, PCB52, PCB101, PCB138, PCB153, and PCB180)	EPA 1668C
(PCB77, PCB81, PCB105, PCB114, PCB118, PCB123, PCB126, PCB156, PCB157, PCB167, PCB169, and PCB189)	EPA 1668C

Parameter/Analyte	Tissue	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
12 Dioxin-like PCBs (dl-PCBs)/coplanar PCBs (PCB77, PCB81, PCB105, PCB114, PCB118, PCB123, PCB126, PCB156, PCB157, PCB167, PCB169, & PCB189)	EPA 1668C	-----	-----	-----

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Nonpotable Water</u>	<u>Solid Haz.Waste</u>
Per and Polyfluoroalkyl Substances (PFAS)			
N-ethyl perfluorooctane-sulfonamidoacetic acid (NetFOSAA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
N-methyl perfluorooctane-sulfonamidoacetic acid (NMeFOSAA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorobutanesulfonic acid (PFBS)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorodecanoic acid (PFDA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorododecanoic acid (PFDoDA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoroheptanoic acid (PFHpA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorohexanesulfonic acid (PFHxS)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorohexanoic acid (PFHxA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorononanoic acid (PFNA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorooctanesulfonic acid (PFOS)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorooctanoic acid (PFOA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorotetradecanoic acid (PFTeDA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorotridecanoic acid (PFTrDA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoroundecanoic acid (PFUnDA)	EPA 537 Ver. 1.1 EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (HFPO-DA)	EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDS)	EPA 537.1	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoro-n-butanoic acid (PFBA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoro-n-pentanoic acid (PFPeA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Nonpotable Water</u>	<u>Solid Haz.Waste</u>
8:2 Fluorotelomersulfonic acid (8:2FTS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
4:2 Fluorotelomersulfonic acid (4:2-FTS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoropentanesulfonic acid (PFPeS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
6:2 Fluorotelomersulfonic acid (6:2-FTS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluoroheptanesulfonic acid (PFHpS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorononanesulfonic acid (PFNS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorodecanesulfonic acid (PFDS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
10:2 Fluorotelomersulfonic acid (10:2-FTS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorododecanesulfonic acid (PFDoDS)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorohexadecanoic acid (PFHxDA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorooctadecanoic acid (PFODA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
Perfluorooctanesulfonamide (PFOSA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (NMePFOSAE)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
N-methylperfluoro-1-octanesulfonamide (NMePFOSA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (NEtPFOSAE)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod
N-ethylperfluoro-1-octanesulfonamide (NEtPFOSA)	-----	EPA 537 Ver.1.1 Mod	EPA 537 Ver.1.1 Mod



Accredited Laboratory

A2LA has accredited

EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC

Lancaster, PA

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 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/DOE 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 21st day of November 2022.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1.01
Valid to November 30, 2024

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