



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS LANCASTER LABORATORIES ENVIRONMENT TESTING LLC

2425 New Holland Pike

Lancaster, PA 17601

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ENVIRONMENTAL

Valid To: November 30, 2026

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 2016 TNI Environmental Testing Laboratory Standard, the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 6.0 of the DoD/DOE Quality Systems Manual for Environmental Laboratories, and the fifth edition of the Environmental Protection Agency's Manual for the Certification of Laboratories Analyzing Drinking Water), 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, Tissue, and Air.

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, ICP-MS Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry (including Single Ion Monitoring (SIM), Isotope Dilution, and Triple-Quad), 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				
Biochemical Oxygen Demand (BOD)	-----	SM 5210B-2016	SM 5210B-2016	-----
Carbonaceous Biochemical Oxygen Demand (CBOD)	-----	SM 5210B-2016	SM 5210B-2016	-----
COD	-----	EPA 410.4	EPA 410.4	-----
Dissolved Organic Carbon (DOC)		EPA 9060A SM 5310C-2014	EPA 9060A SM 5310C-2014	-----
Total Organic Carbon (TOC)	-----	EPA 9060A SM 5310C-2014	EPA 9060A SM 5310C-2014	EPA 9060A Lloyd Kahn
Anions				

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2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
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
Nitrate and 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 (AVS) (Including Distillation for SEM Metals)	-----	-----	EPA-821-R-91-100	EPA-821-R-91-100
Alkalinity	-----	SM 2320B-2021	SM 2320B-2021	-----
Ammonia	-----	EPA 350.1	EPA 350.1	SM4500-NH3 B/C-2021-MOD
Anion Exchange Capacity (AEC) Preparation and Calculation (Analysis by ICP-AES EPA 6010D)	-----	-----	-----	T-MET-WI76522
Cation Exchange Capacity (CEC) Preparation and Calculation (Analysis by ICP-AES EPA 6010D)	-----	-----	-----	EPA 9081
Corrosivity	-----	-----	SW-846 Chapter 7	SW-846 Chapter 7
Conductivity	-----	SM 2510B-2021	SM 2510B-2021	-----
Cyanide, Available	-----	OIA-1677	OIA-1677	-----
Cyanide, Free	-----	OIA-1677	OIA-1677	-----
Cyanide, Total	-----	-----	EPA 9012B	EPA 9012B
Ferrous Iron	-----	SM 3500Fe B-2011	SM 3500Fe B-2011	-----
Flashpoint	-----	EPA 1010A/B	EPA 1010A/B	EPA 1010A/B
Grain Size	-----	-----	-----	ASTM D422 MOD ASTM D6913/ ASTM D7928 (MOD)
Hardness	-----	EPA 130.2	EPA 130.2	-----

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			<u>Aqueous</u>	<u>Solid</u>
		SM 2340B-2021 SM 2340C-2021	SM 2340B-2021 SM 2340C-2021	
HEM (Oil & Grease)	-----	EPA 1664B	EPA 1664B	EPA 9071B
Hexavalent Chromium Digestion	-----	-----	-----	EPA 3060A
Hexavalent Chromium	-----	EPA 218.6 EPA 7196A EPA 7199 SM 3500-Cr B-2020	EPA 218.6 EPA 7196A EPA 7199 SM 3500-Cr B-2020	EPA 7196A EPA 7199
Ignitability	-----	-----	40 CFR 261.21	40 CFR 261.21
Orthophosphate	-----	EPA 365.3 SM 4500 P E-2021	EPA 365.3 SM 4500 P E-2021	-----
Paint Filter	-----	EPA 9095B	EPA 9095B	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	SW-846 Chapter 7.3
Reactive Cyanide	-----	EPA 9012B	EPA 9012B	EPA 9012B
Reactive Sulfide	-----	EPA 9034	EPA 9034	EPA 9034
Residue, Filterable (Total Suspended Solids, TSS)	-----	SM 2540D-2020	SM 2540D-2020	-----
Residue, Non-Filterable (Total Dissolved Solids, TDS)	-----	SM 2540C-2020	SM 2540C-2020	-----
Residue, Total (Total Solids, TS)	-----	SM 2540B-2020	SM 2540B-2020	SM 2540G-2020
SGT-HEM (Total Petroleum Hydrocarbons)	-----	EPA 1664B	EPA 1664B	EPA 9071B
Sulfide, Total	-----	EPA 376.1 EPA 376.2 SM 4500 S2D-2021 SM 4500 S2F-2021	EPA 376.1 EPA 376.2 SM 4500 S2D-2021 SM 4500 S2F-2021	-----
Sulfide, Dissolved	-----	SM 4500 S2 B/D-2021	SM 4500 S2 B/D- 2021	-----
Total Kjeldahl Nitrogen (TKN)	-----	EPA 351.2	EPA 351.2	EPA 351.2
Total Phosphorus	-----	EPA 365.1 SM 4500P B/F-2021	EPA 365.1 SM 4500P B/F-2021	EPA 365.1 SM 4500P B/F- 2021
Total Organic Halides	-----	EPA 9020B	EPA 9020B	-----
Extractable Organic Halides	-----	-----	-----	EPA 9023

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			<u>Aqueous</u>	<u>Solid</u>
Turbidity	-----	EPA 180.1	EPA 180.1	-----
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
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

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			<u>Aqueous</u>	<u>Solid</u>
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 200.8 EPA 6010D EPA 6020B	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 EPA 7473
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
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 6010D EPA 6020B	EPA 6010D EPA 6020B

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			<u>Aqueous</u>	<u>Solid</u>
		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 E EPA 6020B
Thorium	-----	EPA 6010D	EPA 6010D	EPA 6010D
Tin	EPA 200.7	EPA 200.7 EPA 6010D EPA 6020B	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
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 (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Antimony (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Arsenic (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Barium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Beryllium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cadmium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Calcium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B

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			<u>Aqueous</u>	<u>Solid</u>
Chromium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Cobalt (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Copper (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Iron (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Lead (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Molybdenum (SEM)	-----	-----	EPA 6020B	EPA 6020B
Magnesium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Manganese (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Mercury (SEM)	-----	-----	EPA 7470A	EPA 7470A
Nickel (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Potassium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Selenium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Silver (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Sodium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Strontium (SEM)	-----	-----	EPA 6020B	EPA 6020B
Thallium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Tin (SEM)	-----	-----	EPA 6020B	EPA 6020B
Titanium (SEM)	-----	-----	EPA 6020B	EPA 6020B
Vanadium (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Zinc (SEM)	-----	-----	EPA 6010D EPA 6020B	EPA 6010D EPA 6020B
Total Petroleum Hydrocarbons				
Gasoline Range Organics (GRO) and Volatile Petroleum Hydrocarbons (VPH)	-----	EPA 8015C/D EPA 8260C/D NW TPH-Gx MA VPH Rev 2.1 AK101	EPA 8015C/D EPA 8260C/D NW TPH-Gx MA VPH Rev 2.1 AK101	EPA 8015C/D EPA 8260C/D NW TPH-Gx MA VPH Rev 2.1 AK101
Extractable Petroleum Hydrocarbons (EPH)	-----	NWTPH Dx MA EPH Rev 2.1 TX1005 NJ EPH	NWTPH Dx MA EPH Rev 2.1 TX1005 NJ EPH	NWTPH Dx MA EPH Rev 2.1 TX1005

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			<u>Aqueous</u>	<u>Solid</u>
		AK102/103 SV	AK102/103 SV	NJ EPH AK102/103
Diesel Range Organics (DRO)	-----	EPA 8015C/D	EPA 8015C/D	EPA8015 C/D
Carbon Range Organics C8- C44 (including subsets of this range i.e. HRO, MRO, ORO, RRO, TPH Fingerprinting)	-----	EPA 8015C/D	EPA 8015C/D	EPA 8015C/D
Total Petroleum Hydrocarbons	-----	FL-PRO (2018)	FL-PRO (2018)	FL-PRO (2018)
Purgeable Organics (Volatiles)				
Acetone	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Acetonitrile	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Acrolein	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Acrylonitrile	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Allyl chloride	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
tert-Amyl Alcohol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
tert-Amyl Methyl Ether	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
tert-Butyl Alcohol	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
tert-Butyl Formate	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Benzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Benzyl Chloride	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Bromobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Bromochloromethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Bromodichloromethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Bromoform	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Bromomethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
n-Butanol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
2-Butanone	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D

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			<u>Aqueous</u>	<u>Solid</u>
n-Butyl acetate	-----	EPA 624.1	EPA 624.1	-----
n-Butylbenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
sec-Butylbenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
tert-Butylbenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Carbon disulfide	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Carbon tetrachloride	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
2-Chloro-1,3-butadiene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Chloroacetonitrile	EPA 524.2	-----	-----	-----
Chlorobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1-Chlorobutane	EPA 524.2	-----	-----	-----
Chlorodifluoromethane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Chloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
2-Chloroethyl Vinyl Ether	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Chloroform	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1-Chlorohexane	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Chloromethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
2-Chlorotoluene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
4-Chlorotoluene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Cyclohexane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Cyclohexanone	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Di-Isopropyl ether	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Dibromochloromethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2-Dibromo-3-chloropropane	EPA 524.2	EPA 8260C/D EPA 624.1 EPA 8011	EPA 8260C/D EPA 624.1 EPA 8011	EPA 8260C/D
Dibromomethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2-Dibromoethane (EDB)	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D

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			<u>Aqueous</u>	<u>Solid</u>
		EPA 8011	EPA 8011	
1,2-Dichlorobenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,3-Dichlorobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,4-Dichlorobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
trans-1,4-dichloro-2- butene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Dichlorodi-fluoromethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,1-Dichloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2-Dichloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,1-Dichloroethene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
cis-1,2-Dichloroethene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
trans-1,2-Dichloroethene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Dichlorofluoromethane	EPA 524.2	EPA 624.1	EPA 624.1	-----
1,2-Dichloropropane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,3-Dichloropropane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
2,2-Dichloropropane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,1-Dichloropropene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
cis-1,3-Dichloropropene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
trans-1,3-Dichloropropene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,4-Dioxane	-----	EPA 8260C/D ^{2,3} EPA 624.1	EPA 8260C/D ^{2,3} EPA 624.1	EPA 8260C/D ^{2,3}
Ethanol	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethylbenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Ethyl acetate	-----	EPA 624.1	EPA 624.1	-----
Ethyl ether	EPA 524.2	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
Ethyl Methacrylate	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Ethyl Tert-Butyl Ether	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D

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3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Freon-113	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Freon 123a	-----	EPA 624.1	EPA 624.1	-----
Heptane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Hexane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
2-Hexanone	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Hexachlorobutadiene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Hexachloroethane	EPA 524.2	-----	-----	-----
Isobutyl alcohol	-----	EPA 624.1	EPA 624.1	-----
Isopropyl acetate	-----	EPA 624.1	EPA 624.1	-----
Isopropyl Alcohol	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Isopropylbenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,4-Isopropyltoluene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Methylacrylonitrile	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	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 Iodine	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Methylene Chloride	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Methyl Methacrylate	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Methyl Tert-Butyl Ether	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
4-Methyl-2-pentanone	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	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 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Pentachloroethane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Pentane	-----	EPA 624.1	EPA 624.1	-----
Propionitrile	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
n-propyl acetate	-----	EPA 624.1	EPA 624.1	-----
n-Propylbenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Styrene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Tert-Amyl Ethyl Ether	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Tert-Amyl Methly Ether	-----	EPA 624.1	EPA 624.1	-----
1,1,1,2-Tetrachloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,1,2,2-Tetrachloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Tetrachloroethene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Tetrahydrofuran	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Toluene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2,3-Trichlorobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2,4-Trichlorobenzene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,3,5-Trichlorobenzene	-----	EPA 8260C/D	EPA 8260C/D	EPA 8260C/D
1,1,1-Trichloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,1,2-Trichloroethane	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Trichloroethene	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Trichlorofluoromethane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2,3-Trichloropropane	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2,4-Trimethylbenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,3,5-Trimethylbenzene	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Vinyl Acetate	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
Vinyl Chloride	EPA 524.2	EPA 8260C/D ² EPA 624.1	EPA 8260C/D ² EPA 624.1	EPA 8260C/D
Xylenes, Total	-----	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,2-Xylene (o-Xylene)	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D
1,3+1,4-Xylene (m+p Xylene)	EPA 524.2	EPA 8260C/D EPA 624.1	EPA 8260C/D EPA 624.1	EPA 8260C/D

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Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Extractable Organics (Semivolatiles)				
Acenaphthene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Acenaphthylene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Acetophenone	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2-Acetylaminofluorene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Alkylated PAHs	-----	EPA 8270D/E SIM	EPA 8270D/E SIM	EPA 8270D/E SIM
4-Aminobiphenyl	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	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 ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Anthracene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Atrazine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E ¹
Benzaldehyde	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Benzidine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Benzoic acid	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Benzo (a) anthracene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2}
Benzo (b) fluoranthene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2}
Benzo (k) fluoranthene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2}
Benzo (ghi) perylene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Benzo (a) pyrene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2}
Benzo (e) pyrene	-----	EPA 8270D/E SIM	EPA 8270D/E SIM	EPA 8270D/E SIM
Benzyl Alcohol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Biphenyl	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
bis (2-Chloroethoxy) Methane	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
bis (2-Chloroethyl) Ether	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E
bis (2-Ethylhexyl) Phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
4-Bromophenylphenyl Ether	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Butyl benzyl Phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Caprolactam	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Carbazole	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Chloroaniline	-----	EPA 8270D/E EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Chloro-3-methylphenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Chlorobenzilate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
1-Chloronaphthalene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2-Chloronaphthalene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2-Chlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Chlorophenyl phenyl ether	-----	EPA 8270D/E EPA 625.1	EPA 8270D/E EPA 625.1	EPA 8270D/E
Chrysene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Cresols (Methyl phenols)	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
cis-/trans-Diallate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	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 ¹	EPA 8270D/E	EPA 8270D/E
Dibenzo (a,h) anthracene	-----	EPA 8270D/E ^{1,2}	EPA 8270D/E ^{1,2}	EPA 8270D/E ²
Dibenzofuran	-----	EPA 8270D/E ^{1,2}	EPA 8270D/E ^{1,2}	EPA 8270D/E ^{1,2}
1,2-Dichlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
1,3-Dichlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
1,4-Dichlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
3,3-Dichlorobenzidine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2,4-Dichlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2,6-Dichlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Diethyl Phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²

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Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
Dimethoate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
p-Dimethylaminoazobenze	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
7,12-Dimethylbenz (a) anthracene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2,4-Dimethylphenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Dimethyl Phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
3,3'-Dimethylbenzidine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Di-n-butyl Phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Di-n-octyl phthalate	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
3,5-Dinitroaniline	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
1,3-Dinitrobenzene	-----	EPA 8270D/E ¹ EPA 8330B	EPA 8270D/E ¹ EPA 8330B	EPA 8270D/E EPA 8330B MOD
1,4-Dinitrobenzene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2,4-Dinitrophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2,4-Dinitrotoluene	-----	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E EPA 8330B MOD
2,6-Dinitrotoluene	-----	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E EPA 8330B MOD
1,4-Dioxane	-----	EPA 8270D/E ^{1,2,3} EPA 625.1	EPA 8270D/E ^{1,2,3} EPA 625.1	EPA 8270D/E ²
Diphenylamine	-----	EPA 8270D/E	EPA 8270D/E	EPA 8270D/E
Diphenyl ether	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
1,2-Diphenylhydrazine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Ethyl Methanesulfonate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Fluoroanthene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Fluorene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Hexachlorobenzene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E
Hexachlorobutadiene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Hexachlorocycl o-pentadiene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Hexachloroethane	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Hexachloropropene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Hexahydro-1,3,5-trinitro- 1,3,5- triazine (RDX)	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Indeno (1,2,3-cd) Pyrene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Isodrin	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Isophorone	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Isosafrole	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
3-Methycholanthrene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2-Methyl-4,6- dinitrophenol	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Methyl methane sulfonate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
1-Methylnaphthalene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
2-Methylnaphthalene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
2-Methylphenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Methylphenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Naphthalene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
1,4-Naphthoquinone	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
1-Naphthylamine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2-Naphthylamine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
4-Nitroquinoline-1-oxide	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2-Nitroaniline	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
3-Nitroaniline	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Nitroaniline	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Nitrobenzene	-----	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E ¹ EPA 625.1 EPA 8330B	EPA 8270D/E EPA 8330B MOD
Nitroglycerin	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2-Nitrophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
4-Nitrophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
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 ¹	EPA 8270D/E ¹	EPA 8270D/E
n-Nitroso-di-n-butylamine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
n-Nitrosodiethylamine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
n-Nitrosodimethylamine	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
n-Nitrosomethylethylamine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
n-Nitrosomorpholine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
n-Nitrosodi-n-propylamine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
n-Nitrosodiphenylamine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
n-Nitrosopiperidine	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
n-Nitrosopyrrolidine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
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 ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Pentachlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Pentachloronitrobenzene	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Pentachlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	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 ¹	EPA 8270D/E ¹	EPA 8270D/E
Phenanthrene	-----	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ^{1,2} EPA 625.1	EPA 8270D/E ²
Phenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2-Picoline	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Pronamide	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
Pyrene	-----	EPA 8270D/E ¹ EPA 8270D/E SIM	EPA 8270D/E ¹ EPA 8270D/E SIM	EPA 8270D/E ¹ EPA 8270D/E SIM

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
		EPA 625.1	EPA 625.1	
Pyridine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
Safrole	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
1,2,4,5-Tetrachlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2,3,4,6-Tetrachlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	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 ¹	EPA 8270D/E ¹	EPA 8270D/E
o-Toluidine	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
1,2,4-Trichlorobenzene	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
1,3,5-Trinitrobenzene	-----	EPA 8330B EPA 8270E GC/MS-MS	EPA 8330B EPA 8270E GC/MS- MS	EPA 8330B MOD
2,4,6-Trinitrophenol	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
2,4,5-Trichlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
2,4,6-Trichlorophenol	-----	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E ¹ EPA 625.1	EPA 8270D/E
O,O,O-Tri-ethylphosphorothioate	-----	EPA 8270D/E ¹	EPA 8270D/E ¹	EPA 8270D/E
2,4,6-Trinitrotoluene	-----	EPA 8330B	EPA 8330B	EPA 8330B MOD
Organochlorine Pesticides				
Aldrin	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
alpha-BHC	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
beta-BHC	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
delta-BHC	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
gamma-BHC (Lindane)	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
alpha-Chlordane	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B

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Chlordane (Technical)	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B
<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
2,4'-DDD	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B

2,4'-DDE	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B
2,4'-DDT	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B
4,4'-DDD	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
4,4'-DDE	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
4,4'-DDT	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Dieldrin	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Dinoseb	-----	EPA 8270D/E EPA 8270E GC/MS-MS	EPA 8270D/E EPA 8270E GC/MS- MS	EPA 8270D/E
Endosulfan I (alpha)	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Endosulfan II (beta)	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Endosulfan Sulfate	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Endrin	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Endrin Aldehyde	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Endrin Ketone	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
gamma-Chlordane	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Heptachlor	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Heptachlor Epoxide	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Hexachlorobenzene	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B

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Hexachlorocyclopentadiene	-----	EPA 8081B EPA 8270E GC/MS-MS	EPA 8081B EPA 8270E GC/MS- MS	EPA 8081B
<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Methoxychlor	-----	EPA 8081B EPA 8270E GC/MS-MS EPA 608.3	EPA 8081B EPA 8270E GC/MS- MS EPA 608.3	EPA 8081B
Mirex	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B

Toxaphene	-----	EPA 8081B EPA 608.3	EPA 8081B EPA 608.3	EPA 8081B
PCBs (Aroclors)				
PCB-1016	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1221	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1232	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1242	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1248	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1254	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1260	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1262	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB-1268	-----	EPA 8082A EPA 608.3	EPA 8082A EPA 608.3	EPA 8082A
PCB congeners (209)	-----	EPA 1668A/C	EPA 1668A/C	EPA 1668A/C
Herbicides				
2,4,5-T	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
2,4,5-TP (Silvex)	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
2,4-D	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
2,4-DB	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
Dalapon	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
Dicamba	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
Dichlorprop	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
Dinoseb	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
MCPA	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B

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MCPP	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B
Pentachlorophenol	-----	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B	EPA 8151A EPA 8321 B

Parameter/Analyte	Drinking Water	Non-Potable Water	Solid Hazardous Waste	
			Aqueous	Solid
PCB Homologues				
Monochlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Dichlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
Trichlorobiphenyls	-----	EPA 680	EPA 680	EPA 680
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

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
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
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
ASTM Leaching Procedure	-----	-----	ASTM D3987-12	ASTM D3987-12
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	-----

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
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, 3511, 3660B, 3620C, 3630C, 3665A	EPA 3510C, 3511, 3660B, 3620C, 3630C 3665A	EPA 3546, 3550C, 3660B, 3620C, 3630C, 3665A, 3640A
Adsorbable Organic Fluorine (AOF)	-----	EPA 1621	EPA 1621	-----
Total Fluorine (TF)	-----	T-PFAS-WI38299	T-PFAS-WI38299	T-PFAS-WI43681
Extractable Organic Fluorine (EOF)	-----	-----	-----	T-PFAS-WI43681

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>	<u>AFFF</u>
Per- and Polyfluoroalkyl Substances (PFAS)					
N-ethyl perfluorooctanesulfonamido acetic acid (NETFOSAA) CASRN: 2991-50-6	EPA 537.1	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
N-methyl perfluorooctanesulfonamido acetic acid (NMeFOSAA) CASRN: 2355-31-9	EPA 537.1	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorobutanesulfonic Acid (PFBS) CASRN: 375-73-5	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A

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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>	<u>AFFF</u>
Perfluorodecanoic Acid (PFDA) CASRN: 335-76-2	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorododecanoic Acid (PFDoA) CASRN: 307-55-1	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoroheptanoic Acid (PFHpA) CASRN: 375-85-9	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorohexanesulfonic Acid (PFHxS) CASRN: 355-46-4	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorohexanoic Acid (PFHxA) CASRN: 307-24-4	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorononanoic Acid (PFNA) CASRN: 375-95-1	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorooctanesulfonic Acid (PFOS) CASRN: 1763-23-1	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorooctanoic Acid (PFOA) CASRN: 335-67-1	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorotetradecanoic Acid (PFTeDA) CASRN: 376-06-7	EPA 537.1	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorotridecanoic Acid (PFTrDA) CASRN: 72629-94-8	EPA 537.1	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoroundecanoic Acid (PFUnA) CASRN: 2058-94-8	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Hexafluoropropylene oxide dimer acid (HFPO-DA) CASRN: 13252-13-6	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>	<u>AFFF</u>
4,8-Dioxa-3H-perfluorononanoic acid (DONA) CASRN: 919005-14-4	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl- PF3ONS) CASRN: 756426-58-1	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
11-Chloroeicosafluoro-3-oxaundecane-1- sulfonic acid (11Cl- PF3OUdS) CASRN: 763051-92-9	EPA 537.1 EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorobutanoic Acid (PFBA) CASRN: 375-22-4	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoropentanoic Acid (PFPeA) CASRN: 2706-90-3	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2-FTS) CASRN: 757124-72-4	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2-FTS) CASRN: 39108-34-4	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoropentanesulfonic Acid (PFPeS) CASRN: 2706-91-4	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2-FTS) CASRN: 27619-97-2	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoroheptanesulfonic Acid (PFHpS) CASRN: 375-92-8	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorononanesulfonic Acid (PFNS)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>	<u>AFFF</u>
CASRN: 68259-12-1					
Perfluorodecanesulfonic Acid (PFDS)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 335-77-3					
Perfluorododecanesulfonic Acid (PFDoS)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 79780-39-5					
Perfluorooctadecanoic Acid (PFODA)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 16517-11-6					
Perfluorooctanesulfonamide (PFOSA)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 754-91-6					
N-methyl perfluorooctane sulfonamidoethanol (NMeFOSE)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 24448-09-7					
N-methyl perfluorooctane sulfonamide (NMeFOSA)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 24448-09-7					
N-ethyl perfluorooctane sulfonamidoethanol (NEtFOSE)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 1691-99-2					
N-ethyl perfluorooctane sulfonamide (NEtFOSA)	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 4151-50-2					
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 151772-58-6					
Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
CASRN: 377-73-1					

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2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	<u>Tissue</u>	<u>AFFF</u>
Perfluoro-4-methoxybutanoic acid (PFMBA) CASRN: 863090-89-5	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA) CASRN: 113507-82-7	EPA 533	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
3-Perfluoropropylpropanoic acid (3:3 FTCA) CASRN: 356-02-5	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA) CASRN: 914637-49-3	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
3-Perfluoroheptylpropanoic acid (7:3 FTCA) CASRN: 812-70-4	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoropropionic acid (PFPrA) CASRN: 422-64-0	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Bis (trifluoromethane) sulfonamide (TFSI) CASRN: 82113-65-3	-----	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorobutanesulfonamide (FBSA) CASRN: 30334-69-1		EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluorohexanesulfonamide (FHxSA) CASRN: 41997-13-1		EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A
Perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS) CASRN: 133201-07-7		EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A	EPA 1633 EPA 1633A

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

<u>Parameter/Analyte</u>	<u>Air</u>
Volatile Organic Compounds	
1,1,1,2-Tetrachloroethane	TO-15
1,1,1-Trichloroethane	TO-15
1,1,2,2-Tetrachloroethane	TO-15
1,1,2-Trichloroethane	TO-15
1,1-Dichloroethane	TO-15
1,1-Dichloroethene	TO-15
1,2,3-Trichloropropane	TO-15
1,2,4-Trichlorobenzene	TO-15
1,2,4-Trimethylbenzene	TO-15
1,2-Dibromo-3-Chloropropane	TO-15
Ethylene Dibromide	TO-15
1,2-Dichlorobenzene	TO-15
1,2-Dichloroethane	TO-15
1,2-Dichloroethene, Total	TO-15
1,2-Dichloropropane	TO-15
1,3,5-Trimethylbenzene	TO-15
Butadiene	TO-15
1,3-Dichlorobenzene	TO-15
1,3-Dichloropropene, Total	TO-15
1,4-Dichlorobenzene	TO-15
1,4-Dioxane	TO-15
2-Butanone (MEK)	TO-15
2-Chlorotoluene	TO-15
2-Hexanone	TO-15
3-Chloro-1-propene	TO-15
4-Ethyltoluene	TO-15
4-Methyl-2-pentanone (MIBK)	TO-15
Acetone	TO-15
Acetonitrile	TO-15
Acrolein	TO-15
Acrylonitrile	TO-15
Alpha Methyl Styrene	TO-15
Benzene	TO-15
Benzyl chloride	TO-15
Bromobenzene	TO-15
Dichlorobromomethane	TO-15
Vinyl bromide	TO-15
Bromoform	TO-15
Bromomethane	TO-15
Carbon disulfide	TO-15
Carbon tetrachloride	TO-15

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3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

Chlorobenzene	TO-15
Chlorodifluoromethane	TO-15
Chloroethane	TO-15
Chloroform	TO-15
Chloromethane	TO-15
cis-1,2-Dichloroethene	TO-15
cis-1,3-Dichloropropene	TO-15
Isopropylbenzene	TO-15
Cyclohexane	TO-15
Isopropyl ether	TO-15
Chlorodibromomethane	TO-15
Dibromomethane	TO-15
Dichlorodifluoromethane	TO-15
Dichlorofluoromethane	TO-15
Ethanol	TO-15
Ethyl acetate	TO-15
Ethyl acrylate	TO-15
Ethyl methacrylate	TO-15
Tert-butyl ethyl ether	TO-15
Ethylbenzene	TO-15
1,1,2-Trichloro-1,2,2- trifluoroethane	TO-15
1,2-Dichloro-1,1,2,2- tetrafluoroethane	TO-15
n-Heptane	TO-15
Hexachloroethane	TO-15
Hexachlorobutadiene	TO-15
Hexane	TO-15
Isooctane	TO-15

Isopropyl alcohol	TO-15
Iodomethane	TO-15
m-Xylene & p-Xylene	TO-15
Methyl acrylate	TO-15
Methyl methacrylate	TO-15
Methyl tert-butyl ether	TO-15
Methylene Chloride	TO-15
n-Butylbenzene	TO-15
N-Propylbenzene	TO-15
Naphthalene	TO-15
o-Xylene	TO-15
n-Octane	TO-15
4-Isopropyltoluene	TO-15
Pentane	TO-15
Propene	TO-15
sec-Butylbenzene	TO-15
Styrene	TO-15
Tert-amyl methyl ether	TO-15

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2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

2-Methyl-2-propanol	TO-15
tert-Butylbenzene	TO-15
Tetrachloroethene	TO-15
Tetrahydrofuran	TO-15
Toluene	TO-15
trans-1,2-Dichloroethene	TO-15
trans-1,3-Dichloropropene	TO-15
Trichloroethene	TO-15
Trichlorofluoromethane	TO-15
Vinyl acetate	TO-15
Vinyl chloride	TO-15
Xylenes, Total	TO-15

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2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte



In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with the test methods applicable to Kentucky Statute KRS 224.60-130(2)(a)), 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, Gas Chromatography

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid</u>
Metals			
Arsenic	EPA 6010D	EPA 6010D	EPA 6010D
Barium	EPA 6010D	EPA 6010D	EPA 6010D
Cadmium	EPA 6010D	EPA 6010D	EPA 6010D
Chromium	EPA 6010D	EPA 6010D	EPA 6010D
Lead	EPA 6010D	EPA 6010D	EPA 6010D
Mercury	EPA 7470A	EPA 7470A	EPA 7471B
Selenium	EPA 6010D	EPA 6010D	EPA 6010D
Silver	EPA 6010D	EPA 6010D	EPA 6010D
Total Petroleum Hydrocarbons			
Diesel Range Organics (DRO)	EPA 8015C/D	EPA 8015C/D	EPA 8015C/D
Gasoline Range Organics (GRO)	EPA 8015C/D EPA 8260C/D	EPA 8015C/D EPA 8260C/D	EPA 8015C/D EPA 8260C/D

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2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance 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 Technology: Atomic Absorption/ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Spectrophotometry (Visible)

<u>Parameter/Analyte</u>	<u>Nonpotable Water</u>	<u>Hazardous Waste</u>	
		<u>Aqueous</u>	<u>Solid</u>
Metals			
Cadmium	EPA 6010D	EPA 6010D	EPA 6010D
Chromium	EPA 6010D	EPA 6010D	EPA 6010D
Chromium (Hexavalent)	EPA 7196A	EPA 7196A	EPA 3060A EPA 7196A
Lead	EPA 6010D	EPA 6010D	EPA 6010D
Total Petroleum Hydrocarbons			
Diesel Range Organics (DRO)	EPA 8015C/D EPA 3630C Cleanup	EPA 8015C/D EPA 3630C Cleanup	EPA 8015C/D EPA 3630C Cleanup
Gasoline Range Organics (GRO)	EPA 8015C/D EPA 8260C/D	EPA 8015C/D EPA 8260C/D	EPA 8015C/D EPA 8260C/D
Purgeable Organics (Volatiles)			
Volatile Preparation	EPA 5030C	EPA 5030C	EPA 5035A
Benzene	EPA 8260D	EPA 8260D	EPA 8260D
1,2-Dichloroethane	EPA 8260D	EPA 8260D	EPA 8260D
1,2-Dibromoethane	EPA 8011	EPA 8011	EPA 8011
Diisopropyl Ether	EPA 8260D	EPA 8260D	EPA 8260D
Ethyl Benzene	EPA 8260D	EPA 8260D	EPA 8260D
Ethyl tert-butyl Ether	EPA 8260D	EPA 8260D	EPA 8260D
Methyl tert-butyl Ether	EPA 8260D	EPA 8260D	EPA 8260D
Naphthalene	EPA 8260D	EPA 8260D	EPA 8260D
Toluene	EPA 8260D	EPA 8260D	EPA 8260D
Tert-amyl Methyl Ether	EPA 8260D	EPA 8260D	EPA 8260D
Tert-butyl Alcohol	EPA 8260D	EPA 8260D	EPA 8260D
Xylenes, total	EPA 8260D	EPA 8260D	EPA 8260D

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

In recognition of the successful completion of the A2LA evaluation process, 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, and Aqueous and Solid Hazardous Waste.

Testing Technologies: High Performance Liquid Chromatography, Ion Chromatography, Liquid Chromatography/Mass Spectrometry/Mass Spectrometry, High Resolution Gas Chromatography/Mass Spectrometry, and Combustion Ion Chromatography

<u>Parameter</u>	<u>Food and Feed</u>
Food and Feed (WHO 29)	
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
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

<u>Parameter/Analyte</u>	<u>Tissue</u>
PCB congeners (209)	EPA 1668C
Perchlorate	EPA 6850

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

Organic Extraction/ Cleanup	EPA 3546, 3550C, 3660B, 3620C, 3665A, 3640A
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<u>Parameter/Analyte</u>	<u>Drinking Water</u>	<u>Non-Potable Water</u>	<u>Solid Hazardous Waste</u>	
			<u>Aqueous</u>	<u>Solid</u>
Other				
Perchlorate	-----	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 3510C, 3511, 3660B, 3620C, 3665A	EPA 3510C, 3511, 3660B, 3620C, 3665A	EPA 3546, 3550C, 3660B, 3620C, 3665A, 3640A
Adsorbable Organic Fluorine (AOF) by Combustion Ion Chromatography				
Adsorbable Organic Fluorine (AOF)	-----	EPA 1621	EPA 1621	-----
Per and Polyfluoroalkyl Substances (PFAS)				
N-ethyl perfluorooctane-sulfonamidoacetic acid (NetFOSAA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
N-methyl perfluorooctane-sulfonamidoacetic acid (NMeFOSAA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorobutanesulfonic acid (PFBS)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorodecanoic acid (PFDA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorododecanoic acid (PFDoDA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluoroheptanoic acid (PFHpA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorohexanesulfonic acid (PFHxS)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorohexanoic acid (PFHxA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorononanoic acid (PFNA)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

Perfluorooctanesulfonic acid (PFOS)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorooctanoic acid (PFOA)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorotetradecanoic acid (PFTeDA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorotridecanoic acid (PFTrDA)	EPA 537.1	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluoroundecanoic acid (PFUnDA)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid (HFPODA)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	EPA 537.1 EPA 533	EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1 EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluoro-n-butanoic acid (PFBA)	EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluoro-n-pentanoic acid (PFPeA)	EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
8:2 Fluorotelomersulfonic acid (8:2FTS)	EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
4:2 Fluorotelomersulfonic acid (4:2-FTS)	EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluoropentanesulfonic acid (PFPeS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
6:2 Fluorotelomersulfonic acid (6:2-FTS)	EPA 533	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte

Perfluoroheptanesulfonic acid (PFHpS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorononanesulfonic acid (PFNS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorodecanesulfonic acid (PFDS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
10:2 Fluorotelomersulfonic acid (10:2- FTS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorododecanesulfonic acid (PFDoDS)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorohexadecanoic acid (PFHxDA)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorooctadecanoic acid (PFODA)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
Perfluorooctanesulfonamide (PFOSA)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
2-(N-methylperfluoro-1-octanesulfonamido)- ethanol (NMePFOSAE)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
N-methylperfluoro-1-octanesulfonamide (NMePFOSA)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (NEtPFOSAE)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633
N-ethylperfluoro-1-octanesulfonamide (NEtPFOSA)	-----	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633	EPA 537v1.1Mod EPA 1633

1 – In addition to GC/MS, the lab offers this method by GC/MS-MS for this analyte.

2 – In addition to GC/MS, the lab offers this method by SIM for this analyte

3 – In addition to GC/MS, the lab offers this method by SIM – isotope dilution for this analyte



Accredited Laboratory

A2LA has accredited

EUROFINS LANCASTER LABORATORIES ENVIRONMENT TESTING, 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 2016 TNI Environmental Testing Laboratory Standard, 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), the A2LA R220 – *Specific Requirements – A2LA DoD Environmental Laboratory Accreditation Program*, the A2LA R206 – *Specific Requirements – Environmental Testing Laboratory Accreditation Program*, the A2LA R210 – *Specific Requirements – Kentucky Underground Storage Tank Testing Laboratory Accreditation Program*, and the A2LA R211 – *Specific Requirements – Wyoming Storage Tank Remediation Testing 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 24th of October 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0001.01
Valid to November 30, 2026

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