



# CERTIFICATE OF ACCREDITATION

## The ANSI National Accreditation Board

Hereby attests that

**Energy Laboratories, Inc.**  
**1120 South 27th Street**  
**Billings, Montana 59101**  
**(and satellite site as shown on the scope)**

Fulfills the requirements of

**ISO/IEC 17025:2017**

and

**U.S. Department of Defense (DoD) Quality Systems Manual**  
**for Environmental Laboratories (DoD QSM V5.4)**

In the field of

**TESTING**

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

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 31 May 2024  
Certificate Number: ADE-2588



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

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

**and**

**U.S. Department of Defense (DoD) Quality Systems Manual for  
Environmental Laboratories (DoD QSM V5.4)**

**Energy Laboratories, Inc. – Billings, MT**

1120 South 27<sup>th</sup> Street  
Billings, Montana 59101  
Leigh Ann Wise  
406-252-6325

**TESTING**

Valid to: **May 31, 2024**

Certificate Number: **ADE-2588**

**Environmental**

<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
UV-VIS	ASTM D2036-09C	Weak acid dissociable cyanide
Hydrometer	ASTM D1429-02	Specific Gravity
GC-PID	AK101 GRO	Gasoline range organics (GRO)
GC-FID	AK102 DRO	Diesel range organics (DRO)
GC-FID	AK102/AK103 RRO	Residual range organics (RRO)
ICP-AES	EPA 200.7	Aluminum
ICP-AES	EPA 200.7	Antimony
ICP-AES	EPA 200.7	Arsenic
ICP-AES	EPA 200.7	Barium
ICP-AES	EPA 200.7	Beryllium
ICP-AES	EPA 200.7	Boron
ICP-AES	EPA 200.7	Cadmium
ICP-AES	EPA 200.7	Calcium
ICP-AES	EPA 200.7	Chromium



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Non-Potable Water		
Technology	Method	Analyte
ICP-AES	EPA 200.7	Cobalt
ICP-AES	EPA 200.7	Copper
ICP-AES	EPA 200.7	Iron
ICP-AES	EPA 200.7	Lead
ICP-AES	EPA 200.7	Lithium
ICP-AES	EPA 200.7	Magnesium
ICP-AES	EPA 200.7	Manganese
ICP-AES	EPA 200.7	Nickel
ICP-AES	EPA 200.7	Phosphorus, total
ICP-AES	EPA 200.7	Potassium
ICP-AES	EPA 200.7	Selenium
ICP-AES	EPA 200.7	Silica as SiO <sub>2</sub>
ICP-AES	EPA 200.7	Silicon
ICP-AES	EPA 200.7	Silver
ICP-AES	EPA 200.7	Sodium
ICP-AES	EPA 200.7	Strontium
ICP-AES	EPA 200.7	Thallium
ICP-AES	EPA 200.7	Tin
ICP-AES	EPA 200.7	Titanium
ICP-AES	EPA 200.7	Vanadium
ICP-AES	EPA 200.7	Zinc
ICP-MS	EPA 200.8	Aluminum
ICP-MS	EPA 200.8	Antimony
ICP-MS	EPA 200.8	Arsenic
ICP-MS	EPA 200.8	Barium
ICP-MS	EPA 200.8	Beryllium
ICP-MS	EPA 200.8	Boron
ICP-MS	EPA 200.8	Cadmium
ICP-MS	EPA 200.8	Calcium



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
ICP-MS	EPA 200.8	Chromium
ICP-MS	EPA 200.8	Cobalt
ICP-MS	EPA 200.8	Copper
ICP-MS	EPA 200.8	Iron
ICP-MS	EPA 200.8	Lead
ICP-MS	EPA 200.8	Magnesium
ICP-MS	EPA 200.8	Manganese
ICP-MS	EPA 200.8	Mercury
ICP-MS	EPA 200.8	Molybdenum
ICP-MS	EPA 200.8	Nickel
ICP-MS	EPA 200.8	Potassium
ICP-MS	EPA 200.8	Selenium
ICP-MS	EPA 200.8	Silver
ICP-MS	EPA 200.8	Sodium
ICP-MS	EPA 200.8	Strontium
ICP-MS	EPA 200.8	Thallium
ICP-MS	EPA 200.8	Tin
ICP-MS	EPA 200.8	Titanium
ICP-MS	EPA 200.8	Uranium
ICP-MS	EPA 200.8	Vanadium
ICP-MS	EPA 200.8	Zinc
CVAAS	EPA 245.1	Mercury
CVAFS	EPA 245.7	Mercury
UV/VIS	EPA 335.4	Total cyanide
UV/VIS	EPA 350.1	Ammonia as N
UV/VIS	EPA 351.2	Kjeldahl nitrogen - total
UV/VIS	EPA 353.2	Nitrate as N
UV/VIS	EPA 353.2	Nitrite as N
UV/VIS	EPA 353.2	Total nitrate-nitrite



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
UV/VIS	EPA 365.1	Orthophosphate as P
UV/VIS	EPA 365.1	Phosphorus, total
UV/VIS	EPA 410.4	Chemical oxygen demand
UV/VIS	EPA 420.4	Total phenolics
ICP-AES	EPA 6010B; EPA 6010D	Aluminum
ICP-AES	EPA 6010B; EPA 6010D	Antimony
ICP-AES	EPA 6010B; EPA 6010D	Arsenic
ICP-AES	EPA 6010B; EPA 6010D	Barium
ICP-AES	EPA 6010B; EPA 6010D	Beryllium
ICP-AES	EPA 6010B; EPA 6010D	Boron
ICP-AES	EPA 6010B; EPA 6010D	Cadmium
ICP-AES	EPA 6010B; EPA 6010D	Calcium
ICP-AES	EPA 6010B; EPA 6010D	Chromium
ICP-AES	EPA 6010B; EPA 6010D	Cobalt
ICP-AES	EPA 6010B; EPA 6010D	Copper
ICP-AES	EPA 6010B; EPA 6010D	Iron
ICP-AES	EPA 6010B; EPA 6010D	Lead
ICP-AES	EPA 6010B; EPA 6010D	Lithium
ICP-AES	EPA 6010B; EPA 6010D	Magnesium
ICP-AES	EPA 6010B; EPA 6010D	Manganese
ICP-AES	EPA 6010B; EPA 6010D	Molybdenum
ICP-AES	EPA 6010B; EPA 6010D	Nickel
ICP-AES	EPA 6010B; EPA 6010D	Phosphorus, total
ICP-AES	EPA 6010B; EPA 6010D	Potassium
ICP-AES	EPA 6010B; EPA 6010D	Selenium
ICP-AES	EPA 6010B; EPA 6010D	Silicon
ICP-AES	EPA 6010B; EPA 6010D	Silver
ICP-AES	EPA 6010B; EPA 6010D	Sodium
ICP-AES	EPA 6010B; EPA 6010D	Strontium

<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
ICP-AES	EPA 6010B; EPA 6010D	Thallium
ICP-AES	EPA 6010B; EPA 6010D	Tin
ICP-AES	EPA 6010B; EPA 6010D	Titanium
ICP-AES	EPA 6010B; EPA 6010D	Vanadium
ICP-AES	EPA 6010B; EPA 6010D	Zinc
ICP-MS	EPA 6020; EPA 6020B	Aluminum
ICP-MS	EPA 6020; EPA 6020B	Antimony
ICP-MS	EPA 6020; EPA 6020B	Arsenic
ICP-MS	EPA 6020; EPA 6020B	Barium
ICP-MS	EPA 6020; EPA 6020B	Beryllium
ICP-MS	EPA 6020; EPA 6020B	Boron
ICP-MS	EPA 6020; EPA 6020B	Cadmium
ICP-MS	EPA 6020; EPA 6020B	Calcium
ICP-MS	EPA 6020; EPA 6020B	Chromium
ICP-MS	EPA 6020; EPA 6020B	Cobalt
ICP-MS	EPA 6020; EPA 6020B	Copper
ICP-MS	EPA 6020; EPA 6020B	Iron
ICP-MS	EPA 6020; EPA 6020B	Lead
ICP-MS	EPA 6020; EPA 6020B	Magnesium
ICP-MS	EPA 6020; EPA 6020B	Manganese
ICP-MS	EPA 6020; EPA 6020B	Mercury
ICP-MS	EPA 6020; EPA 6020B	Molybdenum
ICP-MS	EPA 6020; EPA 6020B	Nickel
ICP-MS	EPA 6020; EPA 6020B	Palladium
ICP-MS	EPA 6020; EPA 6020B	Potassium
ICP-MS	EPA 6020; EPA 6020B	Selenium
ICP-MS	EPA 6020; EPA 6020B	Silver
ICP-MS	EPA 6020; EPA 6020B	Sodium
ICP-MS	EPA 6020; EPA 6020B	Strontium



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
ICP-MS	EPA 6020; EPA 6020B	Thallium
ICP-MS	EPA 6020; EPA 6020B	Thorium
ICP-MS	EPA 6020; EPA 6020B	Tin
ICP-MS	EPA 6020; EPA 6020B	Titanium
ICP-MS	EPA 6020; EPA 6020B	Uranium
ICP-MS	EPA 6020; EPA 6020B	Vanadium
ICP-MS	EPA 6020; EPA 6020B	Zinc
UV-VIS	EPA 7196A	Chromium VI
CVAAS	EPA 7470A	Mercury
GC-ECD	EPA 8011	1,2,3-Trichloropropane
GC-ECD	EPA 8011	1,2-Dibromo-3-chloropropane (DBCP)
GC-ECD	EPA 8011	1,2-Dibromoethane (EDB, Ethylene dibromide)
GC-FID	EPA 8015C	Diesel range organics (DRO)
GC-FID	EPA 8015C	Gasoline range organics (GRO)
GC-FID	EPA 8015C	Oil range organics
GC-ELCD-PID	EPA 8021B	Benzene
GC-ELCD-PID	EPA 8021B	Ethylbenzene
GC-ELCD-PID	EPA 8021B	m/p-Xylenes
GC-ELCD-PID	EPA 8021B	Methyl tert-butyl ether (MTBE)
GC-ELCD-PID	EPA 8021B	Naphthalene
GC-ELCD-PID	EPA 8021B	o-Xylene
GC-ELCD-PID	EPA 8021B	Toluene
GC-ELCD-PID	EPA 8021B	Xylene (total)
GC-MS	EPA 8260B; EPA 8260D	1,1,1,2-Tetrachloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,1-Trichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,2,2-Tetrachloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,2-Trichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloroethylene



<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	1,2,3-Trichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2,4-Trichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2,3-Trichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,2,4-Trimethylbenzene
GC-MS	EPA 8260B; EPA 8260D	1,2-Dibromo-3-chloropropane (DBCP)
GC-MS	EPA 8260B; EPA 8260D	1,2-Dibromoethane (EDB, Ethylene dibromide)
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,3,5-Trimethylbenzene
GC-MS	EPA 8260B; EPA 8260D	1,3-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,3-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,4-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	2,2-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	2-Butanone (Methyl ethyl ketone, MEK)
GC-MS	EPA 8260B; EPA 8260D	2-Chloroethyl vinyl ether
GC-MS	EPA 8260B; EPA 8260D	2-Chlorotoluene
GC-MS	EPA 8260B; EPA 8260D	2-Hexanone
GC-MS	EPA 8260B; EPA 8260D	4-Chlorotoluene
GC-MS	EPA 8260B; EPA 8260D	4-Methyl-2-pentanone (MIBK)
GC-MS	EPA 8260B; EPA 8260D	Acetone
GC-MS	EPA 8260B; EPA 8260D	Acetonitrile
GC-MS	EPA 8260B; EPA 8260D	Acrolein (Propenal)
GC-MS	EPA 8260B; EPA 8260D	Acrylonitrile
GC-MS	EPA 8260B; EPA 8260D	Allyl chloride (3-Chloropropene)
GC-MS	EPA 8260B; EPA 8260D	Benzene
GC-MS	EPA 8260B; EPA 8260D	Bromobenzene
GC-MS	EPA 8260B; EPA 8260D	Bromochloromethane



<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	Bromodichloromethane
GC-MS	EPA 8260B; EPA 8260D	Bromoform
GC-MS	EPA 8260B; EPA 8260D	Carbon disulfide
GC-MS	EPA 8260B; EPA 8260D	Carbon tetrachloride
GC-MS	EPA 8260B; EPA 8260D	Chlorobenzene
GC-MS	EPA 8260B; EPA 8260D	Chloroethane
GC-MS	EPA 8260B; EPA 8260D	Chloroform
GC-MS	EPA 8260B; EPA 8260D	Chloroprene
GC-MS	EPA 8260B; EPA 8260D	cis-1,2-Dichloroethylene
GC-MS	EPA 8260B; EPA 8260D	cis-1,3-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	Dibromochloromethane
GC-MS	EPA 8260B; EPA 8260D	Dibromomethane
GC-MS	EPA 8260B; EPA 8260D	Dichlorodifluoromethane
GC-MS	EPA 8260B; EPA 8260D	Diethyl ether
GC-MS	EPA 8260B; EPA 8260D	Ethyl acetate
GC-MS	EPA 8260B; EPA 8260D	Ethyl methacrylate
GC-MS	EPA 8260B; EPA 8260D	Ethylbenzene
GC-MS	EPA 8260B; EPA 8260D	Hexachlorobutadiene
GC-MS	EPA 8260B; EPA 8260D	Iodomethane (Methyl iodide)
GC-MS	EPA 8260B; EPA 8260D	Isobutyl alcohol (2-Methyl-1-propanol)
GC-MS	EPA 8260B; EPA 8260D	Isopropylbenzene
GC-MS	EPA 8260B; EPA 8260D	m/p-Xylenes
GC-MS	EPA 8260B; EPA 8260D	Methacrylonitrile
GC-MS	EPA 8260B; EPA 8260D	Methyl bromide (Bromomethane)
GC-MS	EPA 8260B; EPA 8260D	Methyl chloride (Chloromethane)
GC-MS	EPA 8260B; EPA 8260D	Methyl methacrylate
GC-MS	EPA 8260B; EPA 8260D	Methyl tert-butyl ether (MTBE)
GC-MS	EPA 8260B; EPA 8260D	Methylene chloride
GC-MS	EPA 8260B; EPA 8260D	Naphthalene

<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	n-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	n-Propylbenzene
GC-MS	EPA 8260B; EPA 8260D	o-Xylene
GC-MS	EPA 8260B; EPA 8260D	p-Dioxane
GC-MS	EPA 8260B; EPA 8260D	Pentachloroethane
GC-MS	EPA 8260B; EPA 8260D	p-Isopropyltoluene
GC-MS	EPA 8260B; EPA 8260D	Propionitrile (Ethyl cyanide)
GC-MS	EPA 8260B; EPA 8260D	sec-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	Styrene
GC-MS	EPA 8260B; EPA 8260D	tert-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	Tetrachloroethylene (Perchloroethylene)
GC-MS	EPA 8260B; EPA 8260D	Toluene
GC-MS	EPA 8260B; EPA 8260D	trans-1,2-Dichloroethylene
GC-MS	EPA 8260B; EPA 8260D	trans-1,3-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	trans-1,4-Dichloro-2-butene
GC-MS	EPA 8260B; EPA 8260D	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)
GC-MS	EPA 8260B; EPA 8260D	Trichloroethene (Trichloroethylene)
GC-MS	EPA 8260B; EPA 8260D	Trichlorofluoromethane
GC-MS	EPA 8260B; EPA 8260D	Vinyl acetate
GC-MS	EPA 8260B; EPA 8260D	Vinyl chloride
GC-MS	EPA 8260B; EPA 8260D	Xylene (total)
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	1-Methylnaphthalene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	2-Methylnaphthalene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Acenaphthene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Acenaphthylene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Anthracene



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Non-Potable Water		
Technology	Method	Analyte
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Benzo(a)anthracene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Benzo(b)fluoranthene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Benzo(g,h,i)perylene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Benzo(k)fluoranthene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Chrysene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Dibenzo(a,h)anthracene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Fluoranthene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Fluorene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Indeno(1,2,3-cd)pyrene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Naphthalene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Phenanthrene
GC-MS	EPA 8270C SIM; EPA 8270D SIM; EPA 8270E SIM	Pyrene
UV-VIS	EPA 9012B	Total cyanide
ISE	EPA 9040C	pH (Corrosivity)
IC-COND	EPA 9056A	Bromide
IC-COND	EPA 9056A	Chloride
IC-COND	EPA 9056A	Fluoride
IC-COND	EPA 9056A	Nitrate as N
IC-COND	EPA 9056A	Nitrite as N
IC-COND	EPA 9056A	Sulfate
IC-COND	EPA 9056A	Total nitrate plus-nitrite as N
UV/VIS	Kelada-01	Total cyanide
GC-PID	MADEP VPH	Benzene
GC-PID	MADEP VPH	C5 to C8 Aliphatics



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-PID	MADEP VPH	C9 to C10 Aromatics
GC-PID	MADEP VPH	C9 to C12 Aliphatics
GC-PID	MADEP VPH	Ethylbenzene
GC-PID	MADEP VPH	m/p-Xylenes
GC-PID	MADEP VPH	Methyl tert-butyl ether (MTBE)
GC-PID	MADEP VPH	Naphthalene
GC-PID	MADEP VPH	o-Xylene
GC-PID	MADEP VPH	Toluene
GC-PID	MADEP VPH	Total Purgeable Hydrocarbons
GC-PID	MADEP VPH	Xylene (total)
GC-FID	MADEP EPH	C11 to C22 Aromatics
GC-FID	MADEP EPH	Total Extractable Hydrocarbons
GC-FID	MADEP EPH	C9 to C18 Aliphatics
GC-FID	MADEP EPH	C19 to C36 Aliphatics
GC-FID	EPA 8015 Modified	Total Extractable Hydrocarbons Screen
GC-FID	EPA RSK-175 (GC/FID)	Ethane
GC-FID	EPA RSK-175 (GC/FID)	Ethene (Ethylene)
GC-FID	EPA RSK-175 (GC/FID)	Methane
GC-FID	EPA RSK-175 (GC/FID)	Propane
Turbidimetry	SM 2130 B	Turbidity
Titration	SM 2310 B	Acidity, as CaCO <sub>3</sub>
Titration	SM 2320 B	Alkalinity as CaCO <sub>3</sub>
Calculation	SM 2330 B	Corrosivity (langlier index)
Calculation	SM 2340 B	Hardness
Electrode	SM 2510B	Conductivity
Gravimetry	SM 2540 B	Residue-total
Gravimetry	SM 2540 C	Residue-filterable (TDS)
Gravimetry	SM 2540 D	Residue-nonfilterable (TSS)
Physical	SM 2540 F	Residue-settleable



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Non-Potable Water		
Technology	Method	Analyte
UV-VIS	SM 3500-Cr B	Chromium VI
ISE	SM 4500-H+ B	pH
UV-VIS	SM 4500-S <sub>2</sub> <sup>-</sup> D	Sulfide
Titration	SM 4500-S <sub>2</sub> <sup>-</sup> F	Sulfide
UV-VIS	SM 5540 C	Surfactants - MBAS
GC-MS	EPA 624.1	1,1,1,2-Tetrachloroethane
GC-MS	EPA 624.1	1,1,1-Trichloroethane
GC-MS	EPA 624.1	1,1,2,2-Tetrachloroethane
GC-MS	EPA 624.1	1,1,2-Trichloroethane
GC-MS	EPA 624.1	1,1-Dichloroethane
GC-MS	EPA 624.1	1,1-Dichloroethene
GC-MS	EPA 624.1	1,1-Dichloropropene
GC-MS	EPA 624.1	1,2,3-Trichlorobenzene
GC-MS	EPA 624.1	1,2,3-Trichloropropane
GC-MS	EPA 624.1	1,2,4-Trichlorobenzene
GC-MS	EPA 624.1	1,2,4-Trimethylbenzene
GC-MS	EPA 624.1	1,2-Dibromo-3-chloropropane
GC-MS	EPA 624.1	1,2-Dibromoethane
GC-MS	EPA 624.1	1,2-Dichlorobenzene
GC-MS	EPA 624.1	1,2-Dichloroethane
GC-MS	EPA 624.1	1,2-Dichloropropane
GC-MS	EPA 624.1	1,3,5-Trimethylbenzene
GC-MS	EPA 624.1	1,3-Dichlorobenzene
GC-MS	EPA 624.1	1,3-Dichloropropane
GC-MS	EPA 624.1	1,4-Dichlorobenzene
GC-MS	EPA 624.1	2,2-Dichloropropane
GC-MS	EPA 624.1	2-Chloroethyl vinyl ether
GC-MS	EPA 624.1	2-Chlorotoluene
GC-MS	EPA 624.1	2-Hexanone



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Non-Potable Water		
Technology	Method	Analyte
GC-MS	EPA 624.1	4-Chlorotoluene
GC-MS	EPA 624.1	Acetone
GC-MS	EPA 624.1	Acetonitrile
GC-MS	EPA 624.1	Acrolein
GC-MS	EPA 624.1	Acrylonitrile
GC-MS	EPA 624.1	Benzene
GC-MS	EPA 624.1	Bromobenzene
GC-MS	EPA 624.1	Bromochloromethane
GC-MS	EPA 624.1	Bromodichloromethane
GC-MS	EPA 624.1	Bromoform
GC-MS	EPA 624.1	Bromomethane
GC-MS	EPA 624.1	Carbon disulfide
GC-MS	EPA 624.1	Carbon tetrachloride
GC-MS	EPA 624.1	Chlorobenzene
GC-MS	EPA 624.1	Chlorodibromomethane
GC-MS	EPA 624.1	Chloroethane
GC-MS	EPA 624.1	Chloroform
GC-MS	EPA 624.1	Chloromethane
GC-MS	EPA 624.1	cis-1,2-Dichloroethene
GC-MS	EPA 624.1	cis-1,3-Dichloropropene
GC-MS	EPA 624.1	Dibromomethane
GC-MS	EPA 624.1	Dichlorodifluoromethane
GC-MS	EPA 624.1	Ethylbenzene
GC-MS	EPA 624.1	Hexachlorobutadiene
GC-MS	EPA 624.1	Isopropylbenzene
GC-MS	EPA 624.1	m+p-Xylenes
GC-MS	EPA 624.1	Methyl ethyl ketone
GC-MS	EPA 624.1	Methyl isobutyl ketone
GC-MS	EPA 624.1	Methyl tert-butyl ether (MtBE)



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 624.1	Methylene chloride
GC-MS	EPA 624.1	Naphthalene
GC-MS	EPA 624.1	n-Butylbenzene
GC-MS	EPA 624.1	n-Propylbenzene
GC-MS	EPA 624.1	o-Xylene
GC-MS	EPA 624.1	p-Isopropyltoluene
GC-MS	EPA 624.1	sec-Butylbenzene
GC-MS	EPA 624.1	Styrene
GC-MS	EPA 624.1	tert-Butylbenzene
GC-MS	EPA 624.1	Tetrachloroethene
GC-MS	EPA 624.1	Toluene
GC-MS	EPA 624.1	trans-1,2-Dichloroethene
GC-MS	EPA 624.1	trans-1,3-Dichloropropene
GC-MS	EPA 624.1	Trichloroethene
GC-MS	EPA 624.1	Trichlorofluoromethane
GC-MS	EPA 624.1	Vinyl acetate
GC-MS	EPA 624.1	Vinyl chloride
GC-MS	EPA 624.1	Xylenes, Total
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoic acid



<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorohexane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorooctane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorodecane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid



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<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
<b>Preparation</b>	<b>Method</b>	<b>Type</b>
Acid Digestion	EPA 200.2	Metals
Hotblock Digestion	EPA 3010	Metals
Extraction	EPA 1311	Toxicity Characteristic Leaching Procedure
Continuous Liquid-Liquid Extraction	EPA 3520C	Semivolatile Organics
Waste Dilution	EPA 3580A	Semivolatile Organics
Purge and Trap Preparation	EPA 5030B	Volatile Organics

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-ECD	EPA 8011	1,2,3-Trichloropropane
GC-ECD	EPA 8011	1,2-Dibromo-3-chloropropane (DBCP)
GC-ECD	EPA 8011	1,2-Dibromoethane (EDB, Ethylene dibromide)
IC-COND	EPA 9056A	Bromide
IC-COND	EPA 9056A	Chloride
IC-COND	EPA 9056A	Nitrate as N
IC-COND	EPA 9056A	Nitrite as N
IC-COND	EPA 9056A	Sulfate
IC-COND	EPA 9056A	Total nitrate-nitrite
GC-PID	AK101 GRO	Gasoline range organics (GRO)
GC-FID	AK102 DRO	Diesel range organics (DRO)
GC-FID	AK103 RRO	Residual range organics (RRO)
Physical	EPA 1010A	Ignitability
ICP-AES	EPA 6010B; EPA 6010D	Aluminum
ICP-AES	EPA 6010B; EPA 6010D	Antimony
ICP-AES	EPA 6010B; EPA 6010D	Arsenic

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
ICP-AES	EPA 6010B; EPA 6010D	Barium
ICP-AES	EPA 6010B; EPA 6010D	Beryllium
ICP-AES	EPA 6010B; EPA 6010D	Boron
ICP-AES	EPA 6010B; EPA 6010D	Cadmium
ICP-AES	EPA 6010B; EPA 6010D	Calcium
ICP-AES	EPA 6010B; EPA 6010D	Chromium
ICP-AES	EPA 6010B; EPA 6010D	Cobalt
ICP-AES	EPA 6010B; EPA 6010D	Copper
ICP-AES	EPA 6010B; EPA 6010D	Iron
ICP-AES	EPA 6010B; EPA 6010D	Lead
ICP-AES	EPA 6010B; EPA 6010D	Lithium
ICP-AES	EPA 6010B; EPA 6010D	Magnesium
ICP-AES	EPA 6010B; EPA 6010D	Manganese
ICP-AES	EPA 6010B; EPA 6010D	Molybdenum
ICP-AES	EPA 6010B; EPA 6010D	Nickel
ICP-AES	EPA 6010B; EPA 6010D	Phosphorus, total
ICP-AES	EPA 6010B; EPA 6010D	Potassium
ICP-AES	EPA 6010B; EPA 6010D	Selenium
ICP-AES	EPA 6010B; EPA 6010D	Silicon
ICP-AES	EPA 6010B; EPA 6010D	Silver
ICP-AES	EPA 6010B; EPA 6010D	Sodium
ICP-AES	EPA 6010B; EPA 6010D	Strontium
ICP-AES	EPA 6010B; EPA 6010D	Thallium
ICP-AES	EPA 6010B; EPA 6010D	Tin
ICP-AES	EPA 6010B; EPA 6010D	Titanium
ICP-AES	EPA 6010B; EPA 6010D	Vanadium
ICP-AES	EPA 6010B; EPA 6010D	Zinc
ICP-MS	EPA 6020; EPA 6020B	Aluminum
ICP-MS	EPA 6020; EPA 6020B	Antimony

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
ICP-MS	EPA 6020; EPA 6020B	Arsenic
ICP-MS	EPA 6020; EPA 6020B	Barium
ICP-MS	EPA 6020; EPA 6020B	Beryllium
ICP-MS	EPA 6020; EPA 6020B	Cadmium
ICP-MS	EPA 6020; EPA 6020B	Calcium
ICP-MS	EPA 6020; EPA 6020B	Chromium
ICP-MS	EPA 6020; EPA 6020B	Cobalt
ICP-MS	EPA 6020; EPA 6020B	Copper
ICP-MS	EPA 6020; EPA 6020B	Iron
ICP-MS	EPA 6020; EPA 6020B	Lead
ICP-MS	EPA 6020; EPA 6020B	Magnesium
ICP-MS	EPA 6020; EPA 6020B	Manganese
ICP-MS	EPA 6020; EPA 6020B	Molybdenum
ICP-MS	EPA 6020; EPA 6020B	Nickel
ICP-MS	EPA 6020; EPA 6020B	Selenium
ICP-MS	EPA 6020; EPA 6020B	Silver
ICP-MS	EPA 6020; EPA 6020B	Sodium
ICP-MS	EPA 6020; EPA 6020B	Strontium
ICP-MS	EPA 6020; EPA 6020B	Thallium
ICP-MS	EPA 6020; EPA 6020B	Tin
ICP-MS	EPA 6020; EPA 6020B	Titanium
ICP-MS	EPA 6020; EPA 6020B	Uranium
ICP-MS	EPA 6020; EPA 6020B	Vanadium
ICP-MS	EPA 6020; EPA 6020B	Zinc
UV-VIS	EPA 7196A	Chromium VI
CVAAS	EPA 7471B	Mercury
GC-FID	EPA 8015C	Diesel range organics (DRO)
GC-FID	EPA 8015C	Gasoline range organics (GRO)
GC-FID	EPA 8015C	Oil range organics



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<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-ELCD-PID	EPA 8021B	Benzene
GC-ELCD-PID	EPA 8021B	Ethylbenzene
GC-ELCD-PID	EPA 8021B	m/p-Xylenes
GC-ELCD-PID	EPA 8021B	Methyl tert-butyl ether (MTBE)
GC-ELCD-PID	EPA 8021B	Naphthalene
GC-ELCD-PID	EPA 8021B	o-Xylene
GC-ELCD-PID	EPA 8021B	Toluene
GC-ELCD-PID	EPA 8021B	Xylene (total)
GC-ECD	EPA 8082A	Aroclor-1016 (PCB-1016)
GC-ECD	EPA 8082A	Aroclor-1221 (PCB-1221)
GC-ECD	EPA 8082A	Aroclor-1232 (PCB-1232)
GC-ECD	EPA 8082A	Aroclor-1242 (PCB-1242)
GC-ECD	EPA 8082A	Aroclor-1248 (PCB-1248)
GC-ECD	EPA 8082A	Aroclor-1254 (PCB-1254)
GC-ECD	EPA 8082A	Aroclor-1260 (PCB-1260)
GC-ECD	EPA 8082A	Aroclor-1262 (PCB-1262)
GC-ECD	EPA 8082A	Aroclor-1268 (PCB-1268)
GC-MS	EPA 8260B; EPA 8260D	1,1,1,2-Tetrachloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,1-Trichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,2,2-Tetrachloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1,2-Trichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloroethylene
GC-MS	EPA 8260B; EPA 8260D	1,1-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	1,2,3-Trichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2,3-Trichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,2,4-Trichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2,4-Trimethylbenzene
GC-MS	EPA 8260B; EPA 8260D	1,2-Dibromo-3-chloropropane (DBCP)

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	1,2-Dibromoethane (EDB, Ethylene dibromide)
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichloroethane
GC-MS	EPA 8260B; EPA 8260D	1,2-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,3,5-Trimethylbenzene
GC-MS	EPA 8260B; EPA 8260D	1,3-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	1,3-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	1,4-Dichlorobenzene
GC-MS	EPA 8260B; EPA 8260D	2,2-Dichloropropane
GC-MS	EPA 8260B; EPA 8260D	2-Butanone (Methyl ethyl ketone, MEK)
GC-MS	EPA 8260B; EPA 8260D	2-Chloroethyl vinyl ether
GC-MS	EPA 8260B; EPA 8260D	2-Chlorotoluene
GC-MS	EPA 8260B; EPA 8260D	2-Hexanone
GC-MS	EPA 8260B; EPA 8260D	4-Chlorotoluene
GC-MS	EPA 8260B; EPA 8260D	4-Methyl-2-pentanone (MIBK)
GC-MS	EPA 8260B; EPA 8260D	Acetone
GC-MS	EPA 8260B; EPA 8260D	Acetonitrile
GC-MS	EPA 8260B; EPA 8260D	Acrolein (Propenal)
GC-MS	EPA 8260B; EPA 8260D	Acrylonitrile
GC-MS	EPA 8260B; EPA 8260D	Benzene
GC-MS	EPA 8260B; EPA 8260D	Bromobenzene
GC-MS	EPA 8260B; EPA 8260D	Bromochloromethane
GC-MS	EPA 8260B; EPA 8260D	Bromodichloromethane
GC-MS	EPA 8260B; EPA 8260D	Bromoform
GC-MS	EPA 8260B; EPA 8260D	Carbon disulfide
GC-MS	EPA 8260B; EPA 8260D	Carbon tetrachloride
GC-MS	EPA 8260B; EPA 8260D	Chlorobenzene
GC-MS	EPA 8260B; EPA 8260D	Chloroethane
GC-MS	EPA 8260B; EPA 8260D	Chloroform



<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	cis-1,2-Dichloroethylene
GC-MS	EPA 8260B; EPA 8260D	cis-1,3-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	Dibromochloromethane
GC-MS	EPA 8260B; EPA 8260D	Dibromomethane
GC-MS	EPA 8260B; EPA 8260D	Dichlorodifluoromethane
GC-MS	EPA 8260B; EPA 8260D	Ethyl methacrylate
GC-MS	EPA 8260B; EPA 8260D	Ethylbenzene
GC-MS	EPA 8260B; EPA 8260D	Hexachlorobutadiene
GC-MS	EPA 8260B; EPA 8260D	Iodomethane (Methyl iodide)
GC-MS	EPA 8260B; EPA 8260D	Isopropylbenzene
GC-MS	EPA 8260B; EPA 8260D	m/p-Xylenes
GC-MS	EPA 8260B; EPA 8260D	Methacrylonitrile
GC-MS	EPA 8260B; EPA 8260D	Methyl bromide (Bromomethane)
GC-MS	EPA 8260B; EPA 8260D	Methyl chloride (Chloromethane)
GC-MS	EPA 8260B; EPA 8260D	Methyl methacrylate
GC-MS	EPA 8260B; EPA 8260D	Methyl tert-butyl ether (MTBE)
GC-MS	EPA 8260B; EPA 8260D	Methylene chloride
GC-MS	EPA 8260B; EPA 8260D	Naphthalene
GC-MS	EPA 8260B; EPA 8260D	n-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	n-Propylbenzene
GC-MS	EPA 8260B; EPA 8260D	o-Xylene
GC-MS	EPA 8260B; EPA 8260D	p-Dioxane
GC-MS	EPA 8260B; EPA 8260D	p-Isopropyltoluene
GC-MS	EPA 8260B; EPA 8260D	Propionitrile (Ethyl cyanide)
GC-MS	EPA 8260B; EPA 8260D	sec-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	Styrene
GC-MS	EPA 8260B; EPA 8260D	tert-Butylbenzene
GC-MS	EPA 8260B; EPA 8260D	Tetrachloroethylene (Perchloroethylene)
GC-MS	EPA 8260B; EPA 8260D	Toluene





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<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8260B; EPA 8260D	trans-1,2-Dichloroethylene
GC-MS	EPA 8260B; EPA 8260D	trans-1,3-Dichloropropene
GC-MS	EPA 8260B; EPA 8260D	trans-1,4-Dichloro-2-butene
GC-MS	EPA 8260B; EPA 8260D	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)
GC-MS	EPA 8260B; EPA 8260D	Trichloroethene (Trichloroethylene)
GC-MS	EPA 8260B; EPA 8260D	Trichlorofluoromethane
GC-MS	EPA 8260B; EPA 8260D	Vinyl acetate
GC-MS	EPA 8260B; EPA 8260D	Vinyl chloride
GC-MS	EPA 8260B; EPA 8260D	Xylene (total)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	1,2,4-Trichlorobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	1,2-Dichlorobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	1,3-Dichlorobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	1,4-Dichlorobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	1-Methylnaphthalene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	bis(2-chloroisopropyl)Ether
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4,5-Trichlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4,6-Trichlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4-Dichlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4-Dimethylphenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4-Dinitrophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,4-Dinitrotoluene (2,4-DNT)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2,6-Dinitrotoluene (2,6-DNT)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Chloronaphthalene



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Solids and Chemical Materials		
Technology	Method	Analyte
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Chlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Methylnaphthalene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Methylphenol (o-Cresol)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Nitroaniline
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	2-Nitrophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	3,3 -Dichlorobenzidine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	3/4-Methylphenols (m/p-Cresols)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	3-Nitroaniline
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Bromophenyl phenyl ether
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Chloro-2-methylphenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Chloro-3-methylphenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Chloroaniline
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Chlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Chlorophenyl phenylether
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Nitroaniline
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	4-Nitrophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Acenaphthene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Acenaphthylene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Aniline
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Anthracene



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Solids and Chemical Materials		
Technology	Method	Analyte
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzidine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzo(a)anthracene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzo(a)pyrene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzo(b)fluoranthene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzo(g,h,i)perylene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzo(k)fluoranthene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzoic acid
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Benzyl alcohol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	bis(2-Chloroethoxy)methane
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	bis(2-Chloroethyl) ether
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Butyl benzyl phthalate
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Carbazole
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Chrysene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Di(2-ethylhexyl) phthalate (DEHP)
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Dibenz(a,h)acridine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Dibenzofuran
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Diethyl phthalate
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Dimethyl phthalate
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Di-n-butyl phthalate
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Di-n-octyl phthalate



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<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Fluoranthene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Fluorene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Hexachlorobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Hexachlorobutadiene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Hexachlorocyclopentadiene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Hexachloroethane
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Indeno(1,2,3-cd)pyrene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Isophorone
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Naphthalene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Nitrobenzene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	n-Nitrosodimethylamine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	n-Nitrosodi-n-propylamine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	n-Nitrosodiphenylamine
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Pentachlorophenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Phenanthrene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Phenol
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Pyrene
GC-MS	EPA 8270C; EPA 8270D; EPA 8270E	Pyridine
UV-VIS	EPA 9012B	Total cyanide
ISE	EPA 9045D	pH (Corrosivity)
Pycnometer	ASTM D941-88	Specific Gravity

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
GC-PID	MADEP VPH	Benzene
GC-PID	MADEP VPH	C5 to C8 Aliphatics
GC-PID	MADEP VPH	C9 to C10 Aromatics
GC-PID	MADEP VPH	C9 to C12 Aliphatics
GC-PID	MADEP VPH	Ethylbenzene
GC-PID	MADEP VPH	m/p-Xylenes
GC-PID	MADEP VPH	Methyl tert-butyl ether (MTBE)
GC-PID	MADEP VPH	Naphthalene
GC-PID	MADEP VPH	o-Xylene
GC-PID	MADEP VPH	Toluene
GC-PID	MADEP VPH	Total Purgeable Hydrocarbons
GC-PID	MADEP VPH	Xylene (total)
GC-FID	MADEP EPH	C11 to C22 Aromatics
GC-FID	MADEP EPH	Total Extractable Hydrocarbons
GC-FID	MADEP EPH	C9 to C18 Aliphatics
GC-FID	MADEP EPH	C19 to C36 Aliphatics
GC-FID	EPA 8015 Modified	Total Extractable Hydrocarbons Screen
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroundecanoic acid

<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorododecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotridecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorotetradecanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorobutanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoropentanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorohexanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluoroheptanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorononanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorodecanesulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorohexane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorooctane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	1H, 1H, 2H, 2H-perfluorodecane sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Perfluorooctanesulfonamide
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-methyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	N-ethyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	Hexafluoropropylene oxide dimer acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	4,8-dioxa-3H-perfluorononanoic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid
LC-MS-MS	PFAS by LCMSMS Compliant with QSM 5.4 Table B-15	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid





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<b>Solids and Chemical Materials</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
<b>Preparation</b>	<b>Method</b>	<b>Type</b>
Extraction/Leaching	EPA 1311	Toxicity Characteristic Leaching Procedure
Extraction/Leaching	EPA 1312	Synthetic Precipitation Leaching Procedure
Acid Digestion	EPA 3050B	Metals
Ultrasonic Extraction	EPA 3550C	Semivolatile Organics
Solvent Extraction/Purge and Trap	EPA 5035	Volatile Organics

<b>Drinking Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
LC-MS-MS	EPA 537.1	Perfluorohexanoic acid
LC-MS-MS	EPA 537.1	Perfluoroheptanoic acid
LC-MS-MS	EPA 537.1	Perfluorooctanoic acid
LC-MS-MS	EPA 537.1	Perfluorononanoic acid
LC-MS-MS	EPA 537.1	Perfluorodecanoic acid
LC-MS-MS	EPA 537.1	Perfluoroundecanoic acid
LC-MS-MS	EPA 537.1	Perfluorododecanoic acid
LC-MS-MS	EPA 537.1	Perfluorotridecanoic acid
LC-MS-MS	EPA 537.1	Perfluorotetradecanoic acid
LC-MS-MS	EPA 537.1	Perfluorobutanesulfonic
LC-MS-MS	EPA 537.1	Perfluorohexanesulfonic acid
LC-MS-MS	EPA 537.1	Perfluorooctanesulfonic acid
LC-MS-MS	EPA 537.1	N-ethyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	EPA 537.1	N-methyl perfluorooctanesulfonamidoacetic acid
LC-MS-MS	EPA 537.1	Hexafluoropropylene oxide dimer acid
LC-MS-MS	EPA 537.1	4,8-dioxa-3H-perfluorononanoic acid
LC-MS-MS	EPA 537.1	9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid
LC-MS-MS	EPA 537.1	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid



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**Environmental**

<b>Non-Potable Water</b>		
<b>Technology</b>	<b>Method</b>	<b>Analyte</b>
NDIR	SM 5310 C	Total Organic Carbon
NDIR	EPA 9060A	Total Organic Carbon
Gravimetric	EPA 1664A	HEM; Oil and Grease

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. ADE-2588.



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