



Accredited Laboratory

A2LA has accredited

MICROBAC LABORATORIES, INC. OHIO VALLEY DIVISION

Marietta, OH

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 17025:2005, the 2009 TNI Environmental Testing Laboratory Standard, and the requirements of the Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality System Manual for Environmental Laboratories (QSM), accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).



Presented this 28th day of November 2016.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2936.01
Valid to December 31, 2018

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

MICROBAC LABORATORIES, INC.
OHIO VALLEY DIVISION
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ENVIRONMENTAL

Valid To: December 31, 2018

Certificate Number: 2936.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2009 TNI Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in version 5.0 of the DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below:

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, ICP/MS, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, High Performance Liquid Chromatography, LC/MS/MS, Ion Chromatography, Misc. - Electronic Probes (pH, O₂), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon

<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water (1)</u>	<u>Solid and Chemical Materials (2)</u>
<u>Metals</u>			
Aluminum	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Antimony	EPA 200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A
Arsenic	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A
Barium	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A
Beryllium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Boron	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Cadmium	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A
Calcium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Chromium	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A
Cobalt	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/ 6020A	EPA 6010B/6010C/6020/6020A

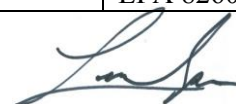
<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water (1)</u>	<u>Solid and Chemical Materials (2)</u>
Copper	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Iron	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Lead	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Lithium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Magnesium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Manganese	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Mercury	EPA 245.1	EPA 245.1/7470A	EPA 7471A/7471B
Molybdenum	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Nickel	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Phosphorus	-----	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Potassium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Selenium	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Silicon	-----	EPA 200.7/6010B/6010C	-----
Silver	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Sodium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Strontium	EPA 200.7	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Thallium	EPA 200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Tin	-----	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Titanium	-----	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Uranium	EPA 200.8	EPA 200.8/6020/6020A	EPA 6020/6020A
Vanadium	EPA 200.7	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Zinc	EPA 200.7/200.8	EPA 200.7/200.8/6010B/6010C/6020/6020A	EPA 6010B/6010C/6020/6020A
Zirconium	-----	EPA 200.7/6010B/6010C	EPA 6010B/6010C
Prep Methods	EPA 200.7/200.8	EPA 3015A	EPA 3051A
<u>Nutrients</u>			
Ammonia (as N)	-----	EPA 350.1	EPA 350.1
Kjeldahl nitrogen	-----	EPA 351.2	-----
Nitrate (as N)	EPA 300.0/353.2 SM 4500NO ₃ -F	EPA 300.0/353.2/9056/9056A SM 4500NO ₃ -F	EPA 300.0/9056/9056A
Nitrate-nitrite (as N)	-----	EPA 300.0/353.2/9056/9056A SM 4500NO ₃ -F	EPA 9056/9056A
Nitrite (as N)	-----	EPA 300.0/354.1/9056/9056A	EPA 300.0/9056/9056A
Orthophosphate (as P)	-----	EPA 365.2 SM 4500-P E-1999/2011	EPA 365.2
Total phosphorus	-----	EPA 365.4	-----
<u>Demands</u>			
Biochemical oxygen demand	-----	SM 5210 B-2001/2011	-----
Chemical oxygen demand	-----	EPA 410.4MOD HACH 8000	-----



Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
Total organic carbon	-----	EPA 415.1/9060A SM 5310 C-2000/2011	-----
Wet Chemistry			
Acidity	-----	EPA 415.1-9060A SM 2310B-1997/2011 (4a/d)	-----
Alkalinity	EPA 310.1	EPA 310.2 SM 2320 B-1997/2011	-----
Bromide	EPA 300.0	EPA 300.0/9056/9056A	EPA 300.0/9056/9056A
Chloride	EPA 300.0/325.2 SM 4500Cl-E	EPA 300.0/325.2/9056/9056A SM 4500-CL E-1997/2011	EPA 325.2/9056/9056A SM 4500-CL E-1997/2011
Chlorine, residual	-----	SM 4500Cl-G 2000/2011	-----
Conductivity	SM 2510B	EPA 120.1 SM 2510B-1997/2011	-----
Cyanide	-----	EPA 9010C/9014 SM 4500 CN-C,E-1999/2011	EPA 9010C/9014
Cyanide, amenable	-----	EPA 9010C/9014 SM 4500 CN-G/E	EPA 9010C/9014
Ferrous Iron	-----	SM 3500-Fe B-1997/2011	-----
Filterable residue	-----	EPA 160.1 SM 2540 C-1997/2011	-----
Flashpoint	-----	EPA 1010A	EPA 1010A/1030
Fluoride	-----	EPA 300.0/9056/9056A SM 4500 F,C-1997/2011	EPA 300.0/9056/9056A SM 4500 F,C-1997/2011
Hardness	SM 2340B	EPA 130.2/150.1 SM 2340C-1997/2011	EPA 150.1
Hexavalent chromium	-----	EPA 7196A SM 3500-Cr B-2009/2011	EPA 3060A/7196A SM 3500-Cr B -2009/2011
MBAS	SM 5540C	SM 2540C-2000/2011	-----
Methane, dissolved	RSK175	-----	-----
Nonfilterable residue	-----	EPA 160.2 SM 2540 D-1997/2011	-----
Oil and grease	-----	EPA 1664A/1664B	EPA 9071
Osmotic pressure	-----	PA-DEP 391-2000-008	-----
pH	EPA 150.1 SM 4500H+B	EPA 9040C SM 4500-H ⁺ B-2000/2011	EPA 9040C/9045D
Phenols	-----	EPA 420.1	EPA 420.1
Sulfate	EPA 300.0/375.4 SM 4500SO ₄ -E	EPA 300.0/375.4/9056/9056A SM 4500 SO ₄ E-1997/2011	EPA 300.0/375.4/9056/9056A SM 4500 SO ₄ E-1997/2011
Sulfide	-----	EPA 376.1 SM 4500-S F-2000/2011	EPA 9030B/9034
TOC	SM 5310C	-----	-----
Total Dissolved Solids	EPA 160.1 SM 2540C	-----	-----
Total Suspended Solids	EPA 160.2 SM 2540D	-----	-----
Turbidity		EPA 180.1 SM 2130B-2001/2011	-----



<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water</u> (1)	<u>Solid and Chemical Materials</u> (2)
<u>Microbiology</u>			
Total coliform	SM 9222B-2006	-----	-----
Fecal coliform	-----	SM 9222D-2006/9221B/C/E-2006	
<u>Purgeable Organics</u> <u>(Volatiles)</u>			
Acetone	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Acetonitrile	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Acrolein	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Acrylonitrile	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Allyl chloride	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
T-amylmethylether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Benzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Bromobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Bromochloromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Bromodichloromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Bromoform	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Bromomethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,3-Butadiene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
2-Butanone	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
n-Butyl alcohol	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
tert-Butyl alcohol	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
n-Butylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
sec-Butylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
tert-Butylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Carbon disulfide	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Carbon tetrachloride	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Chlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Chloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
2-Chloroethyl vinyl ether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Chloroform	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Chloroprene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1-Chlorohexane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Chloromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
2-Chlorotoluene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
4-Chlorotoluene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Cyclohexane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Cyclohexanone	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Dibromochloromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Dibromofluoromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
*Surrogate			
1,2-Dibromo-3-chloropropane (DBCP)	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Dibromomethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2-Dibromomethane (EDB)	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2-Dichlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,3-Dichlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,4-Dichlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
trans-1,4-Dichloro-2-butene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C




Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
Dichlorodifluoromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1-Dichloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2-Dichloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1-Dichloroethene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
cis-1,2-Dichloroethene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
trans-1,2-Dichloroethene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2-Dichloropropane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,3-Dichloropropane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
2,2-Dichloropropane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1-Dichloropropene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
cis-1,3-Dichloropropene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
trans-1,3-Dichloropropene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Diethyl ether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Di-isopropyl ether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Dimethyldisulfide	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Dimethyl sulfide	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,4-Dioxane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Ethyl acetate	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Ethyl-t-butyl ether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Ethyl methacrylate	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Ethyl benzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Gas range organics (GRO)	-----	EPA 8015B /8015C/8015D OK-GRO	EPA 8015B/8015C/8015D OK-GRO
2-Hexanone	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Hexachlorobutadiene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
n-Hexane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Isoprene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Isopropylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,4-Isopropyltoluene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Iodomethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Isobutyl alcohol	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methacrylonitrile	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methyl acetate	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methylcyclohexane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methyl methacrylate	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
alpha-Methylstyrene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methyl tert-butyl ether	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Methylene chloride	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
4-Methyl-2-pentanone	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Naphthalene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
2-Nitropropane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
n-Propylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Propionitrile	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Styrene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1,1,2-Tetrachloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1,2,2-Tetrachloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Tetrachloroethene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Tetrahydrofuran	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Toluene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C



Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
1,1,1-Trichloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1,2-Trichloroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Trichloroethene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Trichlorofluoromethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,1,2-Trichloro-1,2,2-trifluoroethane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2,3-Trichlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2,3-Trichloropropane	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2,4-Trichlorobenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2,4-Trimethylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,3,5-Trimethylbenzene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Vinyl acetate	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Vinyl chloride	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Xylenes, total	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,2-Xylene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,3-Xylene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
1,4-Xylene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
m,p-Xylene	-----	EPA 624/8260B/8260C	EPA 8260B/8260C
Prep Methods	-----	EPA 5030B/5030C/5035/5035A	EPA 5035/5035A
Headspace Organics			
n-Butane	-----	EPA 5021/RSK175	-----
Carbon dioxide	-----	EPA 5021/RSK175	-----
Methane	-----	EPA 5021/RSK175	-----
Ethane	-----	EPA 5021/RSK175	-----
Ethene	-----	EPA 5021/RSK175	-----
Propane	-----	EPA 5021/RSK175	-----
Acetylene	-----	EPA 5021/RSK175	-----
Acenaphthene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Acenaphthylene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Acetophenone	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Acetylaminofluorene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Aminobiphenyl	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Aniline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Anthracene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Aramite	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Benzidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Benzoic acid	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Benzo (a) anthracene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Benzo (b) fluoranthene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Benzo (k) fluoranthene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Benzo (g,h,i) perylene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM



Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
Benzo (a) pyrene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Benzyl alcohol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Benzaldehyde	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Biphenyl	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Bis(2-chloroethoxy) methane	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Bis (2-chloroethyl) ether	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Bis(2-chloroisopropyl) ether	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Bis (2-ethylhexyl) phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Bromophenylphenylether	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Butyl benzyl phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Caprolactam	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Carbazole	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Chloroaniline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Chlorobenzilate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Chloro-3-methylphenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1-Chloronaphthalene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Chloronaphthalene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Chlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Chlorophenylphenyl ether	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Chrysene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Cresols	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Diallate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Dibenzo (a,c) anthracene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Dibenzo (a,h) anthracene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Dibenzofuran	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,2-Dichlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,3-Dichlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,4-Dichlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
3,3'-Dichlorobenzidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4-Dichlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,6-Dichlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Diethyl phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Dimethoate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Dimethylaminoazobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
7,12-Dimethylbenz(a)anthracene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
3,3'-Dimethylbenzidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Alpha-,alpha-dimethylphenethylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4-Dimethylphenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Dimethyl phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Di-n-butyl phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Di-n-octyl phthalate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4-Dinitrophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4-Dinitrotoluene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,6-Dinitrotoluene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D



Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
1,4-Dioxane	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Diphenylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,2-Diphenylhydrazine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Disulfoton	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
DRO/ORO	-----	EPA 8015B/8015C/8015D OK-DRO	EPA 3546/8015B/8015C/8015D OK-DRO
Ethyl methanesulfonate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Ethyl parathion	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Famphur	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Fluoroanthene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Fluorene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Hexachlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Hexachlorobutadiene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Hexachlorocyclopentadiene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Hexachloroethane	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Hexachlorophene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Hexachloropropene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Indeno (1,2,3-cd) pyrene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Isodrin	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Isophorone	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Isosafrole	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Kepone	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Methapyrilene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
3-Methylcholanthrene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Methyl-4,6-dinitrophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Methyl methanesulfonate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1-Methylnaphthalene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
2-Methylnaphthalene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Methyl parathion	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Methyl phenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
3,4-Methyl phenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Naphthalene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
1,4-Naphthoquinone	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1-Naphthylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Naphthylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Nitroaniline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
3-Nitroaniline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Nitroaniline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Nitrobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
5-Nitro-o-toluidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Nitrophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
4-Nitrophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D



Parameter/Analyte	Potable Water	Nonpotable Water (1)	Solid and Chemical Materials (2)
Nitroquinoline-1-oxide	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosodiethylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosodimethylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitroso-di-n-butylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosodi-n-propylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosodiphenylamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosomorpholine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosopiperidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
n-Nitrosopyrrolidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pentachlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pentachloroethane	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pentachloronitrobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pentachlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Perylene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Phenacetin	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Phenanthrene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Phenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,4-Phenylenediamine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Phorate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2-Picoline	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pronamide	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Pyrene	-----	EPA 625/8270C/8270D/8270C SIM/ 8270D SIM	EPA 8270C/8270D/8270C SIM/ 8270D SIM
Pyridine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Safrole	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Sulfotepp	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,2,4,5-Tetrachlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,3,4,6-Tetrachlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
o,o,o-Triethyl phosphorothioate	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Thionazin	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
1,2,4-Trichlorobenzene	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4,5-Trichlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
2,4,6-Trichlorophenol	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
o-Toluidine	-----	EPA 625/8270C/8270D	EPA 8270C/8270D
Prep Methods	-----	EPA 3520C	EPA 3550B/3550C/3580A/3546
Pesticides/Herbicides/PCBs			
Aldrin	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
alpha-BHC	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
beta-BHC	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
delta-BHC	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
gamma-BHC	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Chlordane (technical)	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
alpha-chlordane	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
gamma-chlordane	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
4,4'-DDD	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
4,4'-DDE	-----	EPA 608/8081A/8081B	EPA 8081A/8081B



<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water (1)</u>	<u>Solid and Chemical Materials (2)</u>
4,4',-DDT	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Dieldrin	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endosulfan I	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endosulfan II	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endonsulfan sulfate	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endrin	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endrin aldehyde	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Endrin ketone	-----	EPA 8081A/8081B	EPA 8081A/8081B
Heptachlor	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Heptachlor epoxide	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
Methoxychlor	-----	EPA 8081A/8081B	EPA 8081A/8081B
Toxaphene	-----	EPA 608/8081A/8081B	EPA 8081A/8081B
PCB-1016 (aroclor)	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1221	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1232	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1242	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1248	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1254	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1260	-----	EPA 608/8082/8082A	EPA 8082/8082A
PCB-1262	-----	EPA 8082/8082A	EPA 8082/8082A
PCB-1268	-----	EPA 8082/8082A	EPA 8082/8082A
Prep Methods	-----	EPA 3510C	EPA 3550B/3550C/3546/3580A
2,4-D	-----	EPA 8151A	EPA 8151A
Dalapon	-----	EPA 8151A	EPA 8151A
2,4-DB	-----	EPA 8151A	EPA 8151A
Dicamba	-----	EPA 8151A	EPA 8151A
Dichloroprop	-----	EPA 8151A	EPA 8151A
Dinoseb	-----	EPA 8151A	EPA 8151A
MCPA	-----	EPA 8151A	EPA 8151A
MCPP	-----	EPA 8151A	EPA 8151A
Pentachlorophenol	-----	EPA 8151A	EPA 8151A
2,4,5-T	-----	EPA 8151A	EPA 8151A
2,4,5-TP	-----	EPA 8151A	EPA 8151A
HPLC			
1,3,5-Trinitrobenzene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
1,3-Dinitrobenzene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
2,4,6-Trinitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
2,4-Dinitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
2,6-Dinitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
2-Amino-4,6-dinitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
2-Nitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
3-Nitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
4-Amino-2,6-dinitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
4-Nitrotoluene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
Nitrobenzene	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
Nitroglycerin	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
HMX	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
PETN	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)



<u>Parameter/Analyte</u>	<u>Potable Water</u>	<u>Nonpotable Water (1)</u>	<u>Solid and Chemical Materials (2)</u>
RDX	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
Tetryl	-----	EPA 8330B/8330A(modified)	EPA 8330B/8330A(modified)
Prep Methods	-----	EPA 3535A	-----
Formaldehyde	-----	EPA 8315A	EPA 8315A
Acetaldehyde	-----	EPA 8315A	EPA 8315A
Propional	-----	EPA 8315A	EPA 8315A
Acetic acid	-----	830MBA	-----
Butyric acid	-----	830MBA	-----
Lactic acid	-----	830MBA	-----
Propionic acid	-----	830MBA	-----
Pyruvic acid	-----	830MBA	-----
Acetate	-----	AOAC 986.13	-----
Formate	-----	AOAC 986.13	-----
<u>Hazardous Waste Characteristics</u>			
Corrosivity	-----	EPA 9040C	EPA 9040C/9045D
Ignitibility	-----	EPA 1010A	EPA 1010A EPA 1030
Reactive cyanide	-----	EPA SW 846 Ch 7 7.3.3.2-1996	EPA SW 846 Ch 7 7.3.3.2-1996
Reactive sulfide	-----	EPA SW 846 Ch 7 7.3.4.2-1996	EPA SW 846 Ch 7 7.3.4.2-1996
Synthetic precipitation leaching procedure (SPLP)	-----	EPA 1312	EPA 1312
Toxicity characteristic leaching procedure (TCLP)	-----	EPA 1311	EPA 1311
Water leach	-----	-----	ASTM D3987-06/85
<u>Radiochemistry</u>			
Gross alpha	EPA 900.0	EPA 900.0	-----
Gross beta	EPA 900.0	EPA 900.0	-----
Ra-226	EPA 903.0	EPA 903.0	-----
Ra-228	EPA 904.0	EPA 9320/904.0	-----
Gamma emitters	EPA 901.1	EPA 901.1	EPA 901.1
Total alpha	-----	EPA 900.0/9310	-----
Total beta	-----	EPA 900.0/9310	-----
Total radium	-----	EPA 903.0/9315	-----
<u>Clean-up</u>			
-----	-----	EPA 3620B	EPA 3620B
-----	-----	EPA 3665A	EPA 3665A
-----	-----	EPA 3630C	EPA 3630C
-----	-----	EPA 3660B	EPA 3660B
<u>LC/MS/MS</u>			
Perchlorate	-----	EPA 331/6850	EPA 6850

(1) Method List includes Clean Water Act and RCRA water parameters.

(2) Method List includes RCRA parameters only

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