

The State of Department



Washington of Ecology

APPL, LLC Clovis, CA

has complied with provisions set forth in Chapter 173-50 WAC and is hereby recognized by the Department of Ecology as an ACCREDITED LABORATORY for the analytical parameters listed on the accompanying Scope of Accreditation. This certificate is effective November 19, 2022 and shall expire November 18, 2023.

Witnessed under my hand on December 21, 2022

Rebecca Wood
Lab Accreditation Unit Supervisor

Laboratory ID
C790

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

SCOPE OF ACCREDITATION

APPL, LLC

Clovis, CA

is accredited for the analytes listed below using the methods indicated. Full accreditation is granted unless stated otherwise in a note. EPA is the U.S. Environmental Protection Agency. SM is "Standard Methods for the Examination of Water and Wastewater." SM refers to EPA approved method versions. ASTM is the American Society for Testing and Materials. USGS is the U.S. Geological Survey. AOAC is the Association of Official Analytical Chemists. Other references are described in notes.

Matrix/Analyte	Method	Notes
Non-Potable Water		
Bromide	EPA 300.0_2.1_1993	1
Chloride	EPA 300.0_2.1_1993	1
Fluoride	EPA 300.0_2.1_1993	1
Nitrate	EPA 300.0_2.1_1993	1
Nitrate + Nitrite	EPA 300.0_2.1_1993	1
Nitrite	EPA 300.0_2.1_1993	1
Orthophosphate	EPA 300.0_2.1_1993	1
Sulfate	EPA 300.0_2.1_1993	1
Perchlorate	EPA 6850-07	5
Alkalinity	SM 2320 B-2011	1
Specific Conductance	SM 2510 B-2011	1
Solids, Total Dissolved	SM 2540 C-2011	1
Solids, Total Suspended	SM 2540 D-2011	1
Sulfide	SM 4500-S ₂ ⁻ F-2011	1
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	3
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	APPL SOP HPL537	1
1H,1H,2H,2H,-Perfluorodecanesulfonic acid (8:2 FTS)	APPL SOP HPL537	1
1H,1H,2H,2H,-Perfluorooctanesulfonic acid (6:2 FTS)	APPL SOP HPL537	1
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	APPL SOP HPL537	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	APPL SOP HPL537	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	APPL SOP HPL537	1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	APPL SOP HPL537	1
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	APPL SOP HPL537	1,4,5,6
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	APPL SOP HPL537	1,4,5,6
Perfluorobutane sulfonic acid (PFBS)	APPL SOP HPL537	1
Perfluorobutanoic acid (PFBA)	APPL SOP HPL537	1

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Matrix/Analyte	Method	Notes
Non-Potable Water		
Perfluorodecane sulfonic acid (PFDS)	APPL SOP HPL537	1
Perfluorodecanoic acid (PFDA)	APPL SOP HPL537	1
Perfluorododecanoic acid (PFDoA)	APPL SOP HPL537	1
Perfluoroheptane sulfonic acid (PFHpS)	APPL SOP HPL537	1
Perfluoroheptanoic acid (PFHpA)	APPL SOP HPL537	1
Perfluorohexane sulfonic acid (PFHxS)	APPL SOP HPL537	1
Perfluorohexanoic acid (PFHxA)	APPL SOP HPL537	1
Perfluorononanesulfonate (PFNS)	APPL SOP HPL537	1
Perfluorononanoic acid (PFNA)	APPL SOP HPL537	1
Perfluorooctane sulfonamide (PFOSA)	APPL SOP HPL537	1
Perfluorooctane sulfonic acid (PFOS)	APPL SOP HPL537	1
Perfluorooctanoic acid (PFOA)	APPL SOP HPL537	1
Perfluoropentane sulfonic acid (PFPeS)	APPL SOP HPL537	1
Perfluoropentanoic acid (PFPeA)	APPL SOP HPL537	1
Perfluorotetradecanoic acid (PFTeDA)	APPL SOP HPL537	1
Perfluorotridecanoic acid (PFTrDA)	APPL SOP HPL537	1
Perfluoroundecanoic acid (PFUnA)	APPL SOP HPL537	1
Gasoline range organics (GRO)	NWTPH-Gx (GC/MS)	3
Solid and Chemical Materials		
Perchlorate	EPA 6850-07	1
Cyanide, Total	EPA 9010C_2002	1
Cyanide, Total	EPA 9014_ (7/14)	1
pH	EPA 9040C_2004	1,2
pH	EPA 9045D_2002	1,2
Bromide	EPA 9056A_(02/07)	1
Chloride	EPA 9056A_(02/07)	1
Fluoride	EPA 9056A_(02/07)	1
Nitrate as N	EPA 9056A_(02/07)	1
Nitrite as N	EPA 9056A_(02/07)	1
Orthophosphate	EPA 9056A_(02/07)	1
Sulfate	EPA 9056A_(02/07)	1
Total Organic Carbon	EPA 9060A	1,2
Solids, Total Dissolved	SM 2540 C-2011	1,2
Total Organic Carbon	Walkley-Black	2,5
Aluminum	EPA 6010D_(7/18)	1
Antimony	EPA 6010D_(7/18)	1
Arsenic	EPA 6010D_(7/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Barium	EPA 6010D_(7/18)	1
Beryllium	EPA 6010D_(7/18)	1
Cadmium	EPA 6010D_(7/18)	1
Calcium	EPA 6010D_(7/18)	1
Chromium	EPA 6010D_(7/18)	1
Cobalt	EPA 6010D_(7/18)	1
Copper	EPA 6010D_(7/18)	1
Magnesium	EPA 6010D_(7/18)	1
Manganese	EPA 6010D_(7/18)	1
Molybdenum	EPA 6010D_(7/18)	1
Nickel	EPA 6010D_(7/18)	1
Potassium	EPA 6010D_(7/18)	1
Selenium	EPA 6010D_(7/18)	1
Silver	EPA 6010D_(7/18)	1
Sodium	EPA 6010D_(7/18)	1
Thallium	EPA 6010D_(7/18)	1
Vanadium	EPA 6010D_(7/18)	1
Zinc	EPA 6010D_(7/18)	1
Iron	EPA 6010D_2018	1
Lead	EPA 6010D_2018	1
Aluminum	EPA 6020B_(7/14)	1
Antimony	EPA 6020B_(7/14)	1
Arsenic	EPA 6020B_(7/14)	1
Barium	EPA 6020B_(7/14)	1
Beryllium	EPA 6020B_(7/14)	1
Cadmium	EPA 6020B_(7/14)	1
Calcium	EPA 6020B_(7/14)	1
Chromium	EPA 6020B_(7/14)	1
Cobalt	EPA 6020B_(7/14)	1
Copper	EPA 6020B_(7/14)	1
Iron	EPA 6020B_(7/14)	1
Magnesium	EPA 6020B_(7/14)	1
Manganese	EPA 6020B_(7/14)	1
Molybdenum	EPA 6020B_(7/14)	1
Nickel	EPA 6020B_(7/14)	1
Potassium	EPA 6020B_(7/14)	1
Selenium	EPA 6020B_(7/14)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Silver	EPA 6020B_(7/14)	1
Sodium	EPA 6020B_(7/14)	1
Thallium	EPA 6020B_(7/14)	1
Vanadium	EPA 6020B_(7/14)	1
Zinc	EPA 6020B_(7/14)	1
Mercury	EPA 7470A_1_1994	1,2
Mercury	EPA 7471B_(2/07)	1
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8011-92	5
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8011-92	5
Total Petroleum Hydrocarbons	EPA 8015C_(11/00)	1,7
4,4'-DDD	EPA 8081B_(2/07)	1
4,4'-DDE	EPA 8081B_(2/07)	1
4,4'-DDT	EPA 8081B_(2/07)	1
Aldrin	EPA 8081B_(2/07)	1
alpha-BHC (alpha-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
alpha-Chlordane	EPA 8081B_(2/07)	1
Chlordane (tech.)	EPA 8081B_(2/07)	1
delta-BHC	EPA 8081B_(2/07)	1
Dieldrin	EPA 8081B_(2/07)	1
Endosulfan I	EPA 8081B_(2/07)	1
Endosulfan II	EPA 8081B_(2/07)	1
Endosulfan sulfate	EPA 8081B_(2/07)	1
Endrin	EPA 8081B_(2/07)	1
Endrin aldehyde	EPA 8081B_(2/07)	1
Endrin ketone	EPA 8081B_(2/07)	1
gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	EPA 8081B_(2/07)	1
gamma-Chlordane	EPA 8081B_(2/07)	1
Heptachlor	EPA 8081B_(2/07)	1
Heptachlor epoxide	EPA 8081B_(2/07)	1
Methoxychlor	EPA 8081B_(2/07)	1
Toxaphene (Chlorinated camphene)	EPA 8081B_(2/07)	1
Aroclor-1016 (PCB-1016)	EPA 8082A_(2/07)	1
Aroclor-1221 (PCB-1221)	EPA 8082A_(2/07)	1
Aroclor-1232 (PCB-1232)	EPA 8082A_(2/07)	1
Aroclor-1242 (PCB-1242)	EPA 8082A_(2/07)	1
Aroclor-1248 (PCB-1248)	EPA 8082A_(2/07)	1
Aroclor-1254 (PCB-1254)	EPA 8082A_(2/07)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Aroclor-1260 (PCB-1260)	EPA 8082A_(2/07)	1
Aroclor-1262 (PCB-1262)	EPA 8082A_(2/07)	1
Aroclor-1268 (PCB-1268)	EPA 8082A_(2/07)	1
1,3,5-Trinitrobenzene (1,3,5-TNB)	EPA 8330B_(10/06)	1
1,3-Dinitrobenzene (1,3-DNB)	EPA 8330B_(10/06)	1
2,4,6-Trinitrotoluene (2,4,6-TNT)	EPA 8330B_(10/06)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8330B_(10/06)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8330B_(10/06)	1
2-Amino-4,6-dinitrotoluene (2-am-dnt)	EPA 8330B_(10/06)	1
2-Nitrotoluene	EPA 8330B_(10/06)	1
3-Nitrotoluene	EPA 8330B_(10/06)	1
4-Amino-2,6-dinitrotoluene (4-am-dnt)	EPA 8330B_(10/06)	1
4-Nitrotoluene	EPA 8330B_(10/06)	1
Methyl-2,4,6-trinitrophenylamine (tetryl)	EPA 8330B_(10/06)	1
Nitrobenzene	EPA 8330B_(10/06)	1
Nitroglycerin	EPA 8330B_(10/06)	1
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	EPA 8330B_(10/06)	1
RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	EPA 8330B_(10/06)	1
Diesel range organics (DRO)	WDOE NWTPH-Dx_(1997)	3
11-Chloroheptafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	APPL SOP HPL537	1
1H,1H,2H,2H,-Perfluorodecanesulfonic acid (8:2 FTS)	APPL SOP HPL537	1
1H,1H,2H,2H,-Perfluorooctanesulfonic acid (6:2 FTS)	APPL SOP HPL537	1
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	APPL SOP HPL537	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	APPL SOP HPL537	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	APPL SOP HPL537	1
Hexafluoropropylene oxide dimer acid (HFPO-DA)	APPL SOP HPL537	1
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	APPL SOP HPL537	1,4,5,6
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	APPL SOP HPL537	1,4,5,6
Perfluorobutane sulfonic acid (PFBS)	APPL SOP HPL537	1
Perfluorobutanoic acid (PFBA)	APPL SOP HPL537	1
Perfluorodecane sulfonic acid (PFDS)	APPL SOP HPL537	1
Perfluorodecanoic acid (PFDA)	APPL SOP HPL537	1
Perfluorododecanoic acid (PFDoA)	APPL SOP HPL537	1
Perfluoroheptane sulfonic acid (PFHpS)	APPL SOP HPL537	1
Perfluoroheptanoic acid (PFHpA)	APPL SOP HPL537	1
Perfluorohexane sulfonic acid (PFHxS)	APPL SOP HPL537	1
Perfluorohexanoic acid (PFHxA)	APPL SOP HPL537	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Perfluorononanesulfonate (PFNS)	APPL SOP HPL537	1
Perfluorononanoic acid (PFNA)	APPL SOP HPL537	1
Perfluorooctane sulfonamide (PFOSA)	APPL SOP HPL537	1
Perfluorooctane sulfonic acid (PFOS)	APPL SOP HPL537	1
Perfluorooctanoic acid (PFOA)	APPL SOP HPL537	1
Perfluoropentane sulfonic acid (PFPeS)	APPL SOP HPL537	1
Perfluoropentanoic acid (PFPeA)	APPL SOP HPL537	1
Perfluorotetradecanoic acid (PFTeDA)	APPL SOP HPL537	1
Perfluorotridecanoic acid (PFTrDA)	APPL SOP HPL537	1
Perfluoroundecanoic acid (PFUnA)	APPL SOP HPL537	1
1,1,1,2-Tetrachloroethane	EPA 8260D_4_(6/18)	1,2
1,1,1-Trichloroethane	EPA 8260D_4_(6/18)	1
1,1,2,2-Tetrachloroethane	EPA 8260D_4_(6/18)	1
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D_4_(6/18)	1
1,1,2-Trichloroethane	EPA 8260D_4_(6/18)	1
1,1-Dichloroethane	EPA 8260D_4_(6/18)	1
1,1-Dichloroethylene	EPA 8260D_4_(6/18)	1
1,1-Dichloropropene	EPA 8260D_4_(6/18)	1
1,2,3-Trichlorobenzene	EPA 8260D_4_(6/18)	1
1,2,3-Trichloropropane	EPA 8260D_4_(6/18)	1
1,2,4-Trichlorobenzene	EPA 8260D_4_(6/18)	1
1,2,4-Trimethylbenzene	EPA 8260D_4_(6/18)	1
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D_4_(6/18)	1
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D_4_(6/18)	1
1,2-Dichlorobenzene	EPA 8260D_4_(6/18)	1
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D_4_(6/18)	1
1,2-Dichloropropane	EPA 8260D_4_(6/18)	1
1,3,5-Trimethylbenzene	EPA 8260D_4_(6/18)	1
1,3-Dichlorobenzene	EPA 8260D_4_(6/18)	1
1,3-Dichloropropane	EPA 8260D_4_(6/18)	1
1,3-Dichloropropene	EPA 8260D_4_(6/18)	1
1,4-Dichlorobenzene	EPA 8260D_4_(6/18)	1
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8260D_4_(6/18)	1
2,2-Dichloro-1,1,1-trifluoroethane (Freon 123)	EPA 8260D_4_(6/18)	1
2,2-Dichloropropane	EPA 8260D_4_(6/18)	1
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D_4_(6/18)	1
2-Chloroethyl vinyl ether	EPA 8260D_4_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
2-Chlorotoluene	EPA 8260D_4_(6/18)	1
2-Hexanone	EPA 8260D_4_(6/18)	1
2-Methylpentane (Isohexane)	EPA 8260D_4_(6/18)	1
3-Methylpentane	EPA 8260D_4_(6/18)	1
4-Chlorotoluene	EPA 8260D_4_(6/18)	1
4-Isopropyltoluene (p-Cymene)	EPA 8260D_4_(6/18)	1
4-Methyl-2-pentanone (MIBK)	EPA 8260D_4_(6/18)	1
Acetone	EPA 8260D_4_(6/18)	1,2
Acetonitrile	EPA 8260D_4_(6/18)	1
Acrolein (Propenal)	EPA 8260D_4_(6/18)	1
Acrylonitrile	EPA 8260D_4_(6/18)	1
Benzene	EPA 8260D_4_(6/18)	1
Bromobenzene	EPA 8260D_4_(6/18)	1
Bromochloromethane	EPA 8260D_4_(6/18)	1
Bromodichloromethane	EPA 8260D_4_(6/18)	1
Bromoform	EPA 8260D_4_(6/18)	1
Carbon disulfide	EPA 8260D_4_(6/18)	1
Carbon tetrachloride	EPA 8260D_4_(6/18)	1
Chlorobenzene	EPA 8260D_4_(6/18)	1
Chlorodibromomethane	EPA 8260D_4_(6/18)	1
Chloroethane (Ethyl chloride)	EPA 8260D_4_(6/18)	1
Chloroform	EPA 8260D_4_(6/18)	1
cis-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	1
cis-1,3-Dichloropropene	EPA 8260D_4_(6/18)	1
Cyclohexane	EPA 8260D_4_(6/18)	1
Dibromofluoromethane	EPA 8260D_4_(6/18)	1
Dibromomethane	EPA 8260D_4_(6/18)	1
Dichlorodifluoromethane (Freon-12)	EPA 8260D_4_(6/18)	1
Di-isopropylether (DIPE)	EPA 8260D_4_(6/18)	1
Ethylbenzene	EPA 8260D_4_(6/18)	1
Ethyl-t-butylether (ETBE)	EPA 8260D_4_(6/18)	1
Gasoline range organics (GRO)	EPA 8260D_4_(6/18)	1
Hexachlorobutadiene	EPA 8260D_4_(6/18)	1
Hexachloroethane	EPA 8260D_4_(6/18)	1
Iodomethane (Methyl iodide)	EPA 8260D_4_(6/18)	1
Isopropylbenzene	EPA 8260D_4_(6/18)	1
Methyl acetate	EPA 8260D_4_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Methyl bromide (Bromomethane)	EPA 8260D_4_(6/18)	1
Methyl chloride (Chloromethane)	EPA 8260D_4_(6/18)	1
Methylcyclohexane	EPA 8260D_4_(6/18)	1
Methylcyclopentane	EPA 8260D_4_(6/18)	1
Methylene chloride (Dichloromethane)	EPA 8260D_4_(6/18)	1
m-Xylene	EPA 8260D_4_(6/18)	1
Naphthalene	EPA 8260D_4_(6/18)	1,2
n-Butylbenzene	EPA 8260D_4_(6/18)	1
n-Hexane	EPA 8260D_4_(6/18)	1
n-Propylbenzene	EPA 8260D_4_(6/18)	1
o-Xylene	EPA 8260D_4_(6/18)	1
p-Xylene	EPA 8260D_4_(6/18)	1
sec-Butylbenzene	EPA 8260D_4_(6/18)	1
Styrene	EPA 8260D_4_(6/18)	1,2
tert-Butyl alcohol	EPA 8260D_4_(6/18)	1
tert-Butylbenzene	EPA 8260D_4_(6/18)	1,2
Tetrachloroethylene (Perchloroethylene)	EPA 8260D_4_(6/18)	1
Toluene	EPA 8260D_4_(6/18)	1,2
trans-1,2-Dichloroethylene	EPA 8260D_4_(6/18)	1
trans-1,3-Dichloropropylene	EPA 8260D_4_(6/18)	1
trans-1,4-Dichloro-2-butene	EPA 8260D_4_(6/18)	1
Trichloroethene (Trichloroethylene)	EPA 8260D_4_(6/18)	1
Trichlorofluoromethane (Freon 11)	EPA 8260D_4_(6/18)	1
Vinyl acetate	EPA 8260D_4_(6/18)	1
Vinyl chloride	EPA 8260D_4_(6/18)	1
Xylene (total)	EPA 8260D_4_(6/18)	1
1,2,3-Trichloropropane	EPA 8260D_SIM_4_(6/18)	2,5
Trichloroethene (Trichloroethylene)	EPA 8260D_SIM_4_(6/18)	5
Vinyl chloride	EPA 8260D_SIM_4_(6/18)	5
1,2,4,5-Tetrachlorobenzene	EPA 8270E_6_(6/18)	1
1,2,4-Trichlorobenzene	EPA 8270E_6_(6/18)	1
1,2-Dichlorobenzene	EPA 8270E_6_(6/18)	1
1,3-Dichlorobenzene	EPA 8270E_6_(6/18)	1
1,4-Dichlorobenzene	EPA 8270E_6_(6/18)	1
1-Methylnaphthalene	EPA 8270E_6_(6/18)	1
2,3,4,6-Tetrachlorophenol	EPA 8270E_6_(6/18)	1
2,4,5-Trichlorophenol	EPA 8270E_6_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
2,4,6-Trichlorophenol	EPA 8270E_6_(6/18)	1
2,4-Dichlorophenol	EPA 8270E_6_(6/18)	1
2,4-Dimethylphenol	EPA 8270E_6_(6/18)	1
2,4-Dinitrophenol	EPA 8270E_6_(6/18)	1
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E_6_(6/18)	1
2,6-Dichlorophenol	EPA 8270E_6_(6/18)	1
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E_6_(6/18)	1
2-Chloronaphthalene	EPA 8270E_6_(6/18)	1
2-Chlorophenol	EPA 8270E_6_(6/18)	1
2-Methyl-4,6-dinitrophenol	EPA 8270E_6_(6/18)	1
2-Methylnaphthalene	EPA 8270E_6_(6/18)	1
2-Methylphenol (o-Cresol)	EPA 8270E_6_(6/18)	1
2-Nitroaniline	EPA 8270E_6_(6/18)	1
2-Nitrophenol	EPA 8270E_6_(6/18)	1
3,3'-Dichlorobenzidine	EPA 8270E_6_(6/18)	1
3,3'-Dimethylbenzidine	EPA 8270E_6_(6/18)	1
3-Methylphenol (m-Cresol)	EPA 8270E_6_(6/18)	1
3-Nitroaniline	EPA 8270E_6_(6/18)	1
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E_6_(6/18)	1
4-Chloro-3-methylphenol	EPA 8270E_6_(6/18)	1
4-Chloroaniline	EPA 8270E_6_(6/18)	1
4-Methylphenol (p-Cresol)	EPA 8270E_6_(6/18)	1
4-Nitroaniline	EPA 8270E_6_(6/18)	1
4-Nitrophenol	EPA 8270E_6_(6/18)	1
Acenaphthene	EPA 8270E_6_(6/18)	1
Acenaphthylene	EPA 8270E_6_(6/18)	1
Acetophenone	EPA 8270E_6_(6/18)	1
Aniline	EPA 8270E_6_(6/18)	1
Anthracene	EPA 8270E_6_(6/18)	1
Benzidine	EPA 8270E_6_(6/18)	1
Benzo(a)anthracene	EPA 8270E_6_(6/18)	1
Benzo(a)pyrene	EPA 8270E_6_(6/18)	1
Benzo(g,h,i)perylene	EPA 8270E_6_(6/18)	1
Benzo(k)fluoranthene	EPA 8270E_6_(6/18)	1
Benzo[b]fluoranthene	EPA 8270E_6_(6/18)	1
Benzoic acid	EPA 8270E_6_(6/18)	1
Benzyl alcohol	EPA 8270E_6_(6/18)	1

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Biphenyl	EPA 8270E_6_(6/18)	1
bis(2-Chloroethoxy)methane	EPA 8270E_6_(6/18)	1
bis(2-Chloroethyl) ether	EPA 8270E_6_(6/18)	1
Butyl benzyl phthalate	EPA 8270E_6_(6/18)	1
Carbazole	EPA 8270E_6_(6/18)	1
Chrysene	EPA 8270E_6_(6/18)	1
Di(2-ethylhexyl)phthalate	EPA 8270E_6_(6/18)	1
Dibenz(a,h) anthracene	EPA 8270E_6_(6/18)	1
Dibenzofuran	EPA 8270E_6_(6/18)	1
Diethyl phthalate	EPA 8270E_6_(6/18)	1
Dimethyl phthalate	EPA 8270E_6_(6/18)	1
Di-n-butyl phthalate	EPA 8270E_6_(6/18)	1
Di-n-octyl phthalate	EPA 8270E_6_(6/18)	1
Fluoranthene	EPA 8270E_6_(6/18)	1
Fluorene	EPA 8270E_6_(6/18)	1
Hexachlorobenzene	EPA 8270E_6_(6/18)	1
Hexachlorobutadiene	EPA 8270E_6_(6/18)	1
Hexachlorocyclopentadiene	EPA 8270E_6_(6/18)	1
Hexachloroethane	EPA 8270E_6_(6/18)	1
Indeno(1,2,3-cd) pyrene	EPA 8270E_6_(6/18)	1
Isophorone	EPA 8270E_6_(6/18)	1
Naphthalene	EPA 8270E_6_(6/18)	1
Nitrobenzene	EPA 8270E_6_(6/18)	1
N-Nitrosodiethylamine	EPA 8270E_6_(6/18)	1
N-Nitrosodimethylamine	EPA 8270E_6_(6/18)	1
N-Nitroso-di-n-propylamine	EPA 8270E_6_(6/18)	1
N-Nitrosodiphenylamine	EPA 8270E_6_(6/18)	1
Pentachlorophenol	EPA 8270E_6_(6/18)	1
Phenanthrene	EPA 8270E_6_(6/18)	1
Phenol	EPA 8270E_6_(6/18)	1
Pyrene	EPA 8270E_6_(6/18)	1
Pyridine	EPA 8270E_6_(6/18)	1
1,4-Dioxane (1,4- Diethyleneoxide)	EPA 8270E_6_(6/18) SIM	5
1-Methylnaphthalene	EPA 8270E_6_(6/18) SIM	5
2-Methylnaphthalene	EPA 8270E_6_(6/18) SIM	5
Acenaphthene	EPA 8270E_6_(6/18) SIM	5
Acenaphthylene	EPA 8270E_6_(6/18) SIM	5

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Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Anthracene	EPA 8270E_6_(6/18) SIM	5
Benzo(a)anthracene	EPA 8270E_6_(6/18) SIM	5
Benzo(g,h,i)perylene	EPA 8270E_6_(6/18) SIM	5
Benzo[b]fluoranthene	EPA 8270E_6_(6/18) SIM	5
Chrysene	EPA 8270E_6_(6/18) SIM	5
Dibenz(a,h) anthracene	EPA 8270E_6_(6/18) SIM	5
Fluoranthene	EPA 8270E_6_(6/18) SIM	5
Fluorene	EPA 8270E_6_(6/18) SIM	5
Indeno(1,2,3-cd) pyrene	EPA 8270E_6_(6/18) SIM	5
Naphthalene	EPA 8270E_6_(6/18) SIM	5
Phenanthrene	EPA 8270E_6_(6/18) SIM	5
Pyrene	EPA 8270E_6_(6/18) SIM	5
1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,8
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,8
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290A_1_(2/07)	1,8
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290A_1_(2/07)	1,8
1,2,3,7,8-Pentachlorodibenzo-p-dioxin (Pecdd)	EPA 8290A_1_(2/07)	1,8
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290A_1_(2/07)	1,8
2,3,4,7,8-Pentachlorodibenzofuran (Pecdf)	EPA 8290A_1_(2/07)	1,8
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 8290A_1_(2/07)	1,8
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290A_1_(2/07)	1,8
Hpcdd, total	EPA 8290A_1_(2/07)	1,8
Hpcdf, total	EPA 8290A_1_(2/07)	1,8
Hxcdd, total	EPA 8290A_1_(2/07)	1,8
Hxcdf, total	EPA 8290A_1_(2/07)	1,8
Pecdd, total	EPA 8290A_1_(2/07)	1,8
Pecdf, total	EPA 8290A_1_(2/07)	1,8
TCDD, total	EPA 8290A_1_(2/07)	1,8
TCDF, total	EPA 8290A_1_(2/07)	1,8

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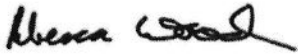
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APPL, LLC

Matrix/Analyte	Method	Notes
Solid and Chemical Materials		
Ethane	EPA RSK-175	1
Ethene	EPA RSK-175	1
Methane	EPA RSK-175	1
Gasoline range organics (GRO)	NWTPH-Gx (GC/MS)	2,3

Accredited Parameter Note Detail

(1) Accreditation based in part on recognition of Utah NELAP accreditation. (2) Accreditation is limited to liquid matrix only. (3) Interim accreditation pending the successful completion of an on-site audit to verify method capabilities (WAC 173-50-100). (4) Provisional accreditation pending additional documentation. (5) Accreditation based in part on recognition of DoD ELAP accreditation. (6) Accredited for SOP based on a modified EPA 537 as per letter from Utah NELAP dated October 11, 2019. (7) Limited to diesel range. (8) Provisional accreditation pending submittal of acceptable Proficiency Testing (PT) results (WAC 173-50-110).



12/27/2022

Authentication Signature
Rebecca Wood, Lab Accreditation Unit Supervisor

Date