



# OREGON

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation



Friedman & Bruya, Inc

3012 16th Avenue West  
Seattle, WA 98119

**ORELAP ID:** WA100005

**EPA CODE:** WA00112

**Certificate:** WA100005 - 018

Issue Date: 5/3/2021 Expiration Date: 5/5/2022

**As of 5/3/2021 this list supersedes all previous lists for this certificate number.**

Matrix	Reference	Analyte Code	Analyte	Method Code	Description
<b>Air</b>					
	EPA TO-15			10248803	VOCs collected in Canisters by GC/MS
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5195	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		5155	1,2,4-Trichlorobenzene		
		5210	1,2,4-Trimethylbenzene		
		4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
		4695	1,2-Dichloro-1,1,2,2-tetrafluoroethane (Freon-114)		
		4610	1,2-Dichlorobenzene		
		4635	1,2-Dichloroethane (Ethylene dichloride)		
		4655	1,2-Dichloropropane		
		5215	1,3,5-Trimethylbenzene		
		9318	1,3-Butadiene		
		4615	1,3-Dichlorobenzene		
		4620	1,4-Dichlorobenzene		
		4735	1,4-Dioxane (1,4- Diethyleneoxide)		
		4836	1-Propene (Propylene)		
		5220	2,2,4-Trimethylpentane		
		4410	2-Butanone (Methyl ethyl ketone, MEK)		
		4535	2-Chlorotoluene		
		4860	2-Hexanone (MBK)		
		4542	4-Ethyltoluene		
		4995	4-Methyl-2-pentanone (MIBK)		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	4315	Acetone		
	4325	Acrolein (Propenal)		
	4355	Allyl chloride (3-Chloropropene)		
	4375	Benzene		
	5635	Benzyl chloride		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4450	Carbon disulfide		
	4455	Carbon tetrachloride		
	4475	Chlorobenzene		
	4575	Chlorodibromomethane		
	4485	Chloroethane (Ethyl chloride)		
	4505	Chloroform		
	4645	cis-1,2-Dichloroethylene		
	4680	cis-1,3-Dichloropropene		
	4555	Cyclohexane		
	4625	Dichlorodifluoromethane (Freon-12)		
	4750	Ethanol		
	4755	Ethyl acetate		
	4765	Ethylbenzene		
	9408	Gasoline range organics (GRO)		
	4835	Hexachlorobutadiene		
	4895	Isopropyl alcohol (2-Propanol, Isopropanol)		
	4900	Isopropylbenzene (Cumene)		
	5240	m+p-xylene		
	4950	Methyl bromide (Bromomethane)		
	4960	Methyl chloride (Chloromethane)		
	4990	Methyl methacrylate		
	5000	Methyl tert-butyl ether (MTBE)		
	4975	Methylene chloride (Dichloromethane)		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5005	Naphthalene		
	5007	n-Butane		
	4825	n-Heptane		
	4855	n-Hexane		
	5026	n-Nonane		
	5028	n-Pentane		
	5090	n-Propylbenzene		
	5250	o-Xylene		
	5100	Styrene		
	4420	tert-Butyl alcohol		
	5115	Tetrachloroethylene (Perchloroethylene)		
	5120	Tetrahydrofuran (THF)		
	5140	Toluene		
	4700	trans-1,2-Dichloroethylene		
	4685	trans-1,3-Dichloropropylene		
	5170	Trichloroethene (Trichloroethylene)		
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
	5225	Vinyl acetate		
	5230	Vinyl bromide (Bromoethane)		
	5235	Vinyl chloride		
EPA TO-17			10312206	Determination of Volatile Organic Compounds in Ambient Air Using Active Sampling Onto Sorbent Tubes
	5105	1,1,1,2-Tetrachloroethane		
	5160	1,1,1-Trichloroethane		
	5110	1,1,2,2-Tetrachloroethane		
	5165	1,1,2-Trichloroethane		
	4630	1,1-Dichloroethane		
	4640	1,1-Dichloroethylene		
	4670	1,1-Dichloropropene		
	5150	1,2,3-Trichlorobenzene		
	5180	1,2,3-Trichloropropane		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5155	1,2,4-Trichlorobenzene		
	5210	1,2,4-Trimethylbenzene		
	4570	1,2-Dibromo-3-chloropropane (DBCP)		
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4610	1,2-Dichlorobenzene		
	4635	1,2-Dichloroethane (Ethylene dichloride)		
	4655	1,2-Dichloropropane		
	5215	1,3,5-Trimethylbenzene		
	4615	1,3-Dichlorobenzene		
	4660	1,3-Dichloropropane		
	4620	1,4-Dichlorobenzene		
	6380	1-Methylnaphthalene		
	4665	2,2-Dichloropropane		
	4410	2-Butanone (Methyl ethyl ketone, MEK)		
	4535	2-Chlorotoluene		
	4860	2-Hexanone (MBK)		
	6385	2-Methylnaphthalene		
	4540	4-Chlorotoluene		
	4910	4-Isopropyltoluene (p-Cymene)		
	4995	4-Methyl-2-pentanone (MIBK)		
	4375	Benzene		
	4385	Bromobenzene		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4455	Carbon tetrachloride		
	4475	Chlorobenzene		
	4575	Chlorodibromomethane		
	4505	Chloroform		
	4645	cis-1,2-Dichloroethylene		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	4680	cis-1,3-Dichloropropene		
	4595	Dibromomethane (Methylene bromide)		
	4625	Dichlorodifluoromethane (Freon-12)		
	4765	Ethylbenzene		
	4835	Hexachlorobutadiene		
	4895	Isopropyl alcohol (2-Propanol, Isopropanol)		
	4900	Isopropylbenzene (Cumene)		
	5240	m+p-xylene		
	5000	Methyl tert-butyl ether (MTBE)		
	5005	Naphthalene		
	4855	n-Hexane		
	5090	n-Propylbenzene		
	5250	o-Xylene		
	4440	sec-Butylbenzene		
	5100	Styrene		
	4420	tert-Butyl alcohol		
	4445	tert-Butylbenzene		
	5115	Tetrachloroethylene (Perchloroethylene)		
	5140	Toluene		
	4700	trans-1,2-Dichloroethylene		
	4685	trans-1,3-Dichloropropylene		
	5170	Trichloroethene (Trichloroethylene)		
	5235	Vinyl chloride		
	5260	Xylene (total)		
MADEP APH			90017188	Air-Phase Petroleum Hydrocarbons
MADEP APH				
MADEP APH				
	3792	APH Aliphatics C5-C8		
	3793	APH Aliphatics C9-C12		
	3794	APH Aromatics C9-C10		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
<b>Drinking Water</b>				
EPA 524.2 4.1 4.1	10088809			Volatile Organic Compounds GC/MS Capillary Column
	9375	Di-isopropylether (DIPE)		
	4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
	5000	Methyl tert-butyl ether (MTBE)		
	4370	T-amylmethylether (TAME)		
	4420	tert-Butyl alcohol		
<b>Non-Potable Water</b>				
AK101 GRO	90015002			Determination of Gasoline Range Organics - Alaska Department of Environmental Conservation
	9408	Gasoline range organics (GRO)		
AK102 DRO	90015206			Determination of Diesel Range Organics - Alaska Department of Environmental Conservation
	9369	Diesel range organics (DRO)		
AK103 RRO	90015400			Determination of Residual Range Organics - Alaska Department of Environmental Conservation
	9499	Motor Oil		
EPA 1631E	10237204			Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
	1095	Mercury		
EPA 200.8 5.4 5.4	10014605			Metals by ICP-MS
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1090	Manganese		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	1095	Mercury		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 3005A			10133207	Acid Digestion of waters for Total Recoverable or Dissolved Metals
	1398	Acid Digestion of Waters for Total Recoverable or Dissolved Metals		
EPA 3510C			10138202	Separatory Funnel Liquid-liquid extraction
	1444	Separatory Funnel Liquid-Liquid Extraction		
EPA 3630C			10146802	Silica gel cleanup
	1446	Silica Gel Clean-up		
EPA 5030C			10284603	Purge-and-Trap for Aqueous Samples
	1406	Aqueous-phase Purge & Trap		
EPA 6020B 2 2			10156420	Inductively Coupled Plasma-Mass Spectrometry
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1070	Iron		
	1075	Lead		
	1090	Manganese		
	1095	Mercury		
	1100	Molybdenum		





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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 8011			10173009	1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane by Microextraction and GC/ECD
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
EPA 8021B			10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
	4375	Benzene		
	4765	Ethylbenzene		
	5140	Toluene		
	5260	Xylene (total)		
EPA 8081B			10178811	Organochlorine Pesticides by Gas Chromatography
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		





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Matrix	Reference	Analyte Code	Analyte	Method Code	Description
		7535	Endrin ketone		
		7120	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)		
		7245	gamma-Chlordane		
		7685	Heptachlor		
		7690	Heptachlor epoxide		
		7810	Methoxychlor		
		8250	Toxaphene (Chlorinated camphene)		
EPA 8082A				10179358	Polychlorinated Biphenyls (PCBs) by GC/ECD
		8880	Aroclor-1016 (PCB-1016)		
		8885	Aroclor-1221 (PCB-1221)		
		8890	Aroclor-1232 (PCB-1232)		
		8895	Aroclor-1242 (PCB-1242)		
		8900	Aroclor-1248 (PCB-1248)		
		8905	Aroclor-1254 (PCB-1254)		
		8910	Aroclor-1260 (PCB-1260)		
		8912	Aroclor-1262 (PCB-1262)		
		8913	Aroclor-1268 (PCB-1268)		
EPA 8260D				10307127	Volatile Organic Compounds By GC/MS
		5105	1,1,1,2-Tetrachloroethane		
		5160	1,1,1-Trichloroethane		
		5110	1,1,2,2-Tetrachloroethane		
		5165	1,1,2-Trichloroethane		
		4630	1,1-Dichloroethane		
		4640	1,1-Dichloroethylene		
		4670	1,1-Dichloropropene		
		5150	1,2,3-Trichlorobenzene		
		5180	1,2,3-Trichloropropane		
		5155	1,2,4-Trichlorobenzene		
		5210	1,2,4-Trimethylbenzene		
		4570	1,2-Dibromo-3-chloropropane (DBCP)		
		4585	1,2-Dibromoethane (EDB, Ethylene		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
		dibromide)		
	4610	1,2-Dichlorobenzene		
	4635	1,2-Dichloroethane (Ethylene dichloride)		
	4655	1,2-Dichloropropane		
	5215	1,3,5-Trimethylbenzene		
	4615	1,3-Dichlorobenzene		
	4660	1,3-Dichloropropane		
	4620	1,4-Dichlorobenzene		
	4665	2,2-Dichloropropane		
	4410	2-Butanone (Methyl ethyl ketone, MEK)		
	4535	2-Chlorotoluene		
	4860	2-Hexanone (MBK)		
	4540	4-Chlorotoluene		
	4910	4-Isopropyltoluene (p-Cymene)		
	4995	4-Methyl-2-pentanone (MIBK)		
	4315	Acetone		
	4375	Benzene		
	4385	Bromobenzene		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4455	Carbon tetrachloride		
	4475	Chlorobenzene		
	4575	Chlorodibromomethane		
	4485	Chloroethane (Ethyl chloride)		
	4505	Chloroform		
	4645	cis-1,2-Dichloroethylene		
	4680	cis-1,3-Dichloropropene		
	4595	Dibromomethane (Methylene bromide)		
	4625	Dichlorodifluoromethane (Freon-12)		
	9375	Di-isopropylether (DIPE)		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	4765	Ethylbenzene		
	4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
	4835	Hexachlorobutadiene		
	4900	Isopropylbenzene (Cumene)		
	5240	m+p-xylene		
	4950	Methyl bromide (Bromomethane)		
	4960	Methyl chloride (Chloromethane)		
	5000	Methyl tert-butyl ether (MTBE)		
	4975	Methylene chloride (Dichloromethane)		
	5005	Naphthalene		
	4855	n-Hexane		
	5090	n-Propylbenzene		
	5250	o-Xylene		
	4440	sec-Butylbenzene		
	5100	Styrene		
	4370	T-amylmethylether (TAME)		
	4420	tert-Butyl alcohol		
	4445	tert-Butylbenzene		
	5115	Tetrachloroethylene (Perchloroethylene)		
	5140	Toluene		
	4700	trans-1,2-Dichloroethylene		
	4685	trans-1,3-Dichloropropylene		
	5170	Trichloroethene (Trichloroethylene)		
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
	5235	Vinyl chloride		
EPA 8260D SIM			10307138	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry Selected Ion Monitoring (GC/MS SIM)
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
EPA 8270E			10242543	Semivolatile Organic compounds by GC/MS



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5155	1,2,4-Trichlorobenzene		
	4610	1,2-Dichlorobenzene		
	6220	1,2-Diphenylhydrazine		
	4615	1,3-Dichlorobenzene		
	4620	1,4-Dichlorobenzene		
	6380	1-Methylnaphthalene		
	4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether		
	6835	2,4,5-Trichlorophenol		
	6840	2,4,6-Trichlorophenol		
	6000	2,4-Dichlorophenol		
	6130	2,4-Dimethylphenol		
	6175	2,4-Dinitrophenol		
	6185	2,4-Dinitrotoluene (2,4-DNT)		
	6190	2,6-Dinitrotoluene (2,6-DNT)		
	5795	2-Chloronaphthalene		
	5800	2-Chlorophenol		
	6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		
	6385	2-Methylnaphthalene		
	6400	2-Methylphenol (o-Cresol)		
	6460	2-Nitroaniline		
	6490	2-Nitrophenol		
	6412	3 & 4 Methylphenol		
	5945	3,3'-Dichlorobenzidine		
	6465	3-Nitroaniline		
	5660	4-Bromophenyl phenyl ether (BDE-3)		
	5700	4-Chloro-3-methylphenol		
	5745	4-Chloroaniline		
	5825	4-Chlorophenyl phenylether		
	6470	4-Nitroaniline		
	6500	4-Nitrophenol		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5500	Acenaphthene		
	5505	Acenaphthylene		
	5555	Anthracene		
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5590	Benzo(g,h,i)perylene		
	5600	Benzo(k)fluoranthene		
	5585	Benzo[b]fluoranthene		
	5610	Benzoic acid		
	5630	Benzyl alcohol		
	5760	bis(2-Chloroethoxy)methane		
	5765	bis(2-Chloroethyl) ether		
	5670	Butyl benzyl phthalate		
	5680	Carbazole		
	5855	Chrysene		
	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
	5895	Dibenz(a,h) anthracene		
	5905	Dibenzofuran		
	6070	Diethyl phthalate		
	6135	Dimethyl phthalate		
	5925	Di-n-butyl phthalate		
	6200	Di-n-octyl phthalate		
	6265	Fluoranthene		
	6270	Fluorene		
	6275	Hexachlorobenzene		
	4835	Hexachlorobutadiene		
	6285	Hexachlorocyclopentadiene		
	4840	Hexachloroethane		
	6315	Indeno(1,2,3-cd) pyrene		
	6320	Isophorone		
	5005	Naphthalene		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5015	Nitrobenzene		
	6530	n-Nitrosodimethylamine		
	6545	n-Nitrosodi-n-propylamine		
	6535	n-Nitrosodiphenylamine		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6625	Phenol		
	6665	Pyrene		
EPA 8270E SIM			10242565	Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)
	6380	1-Methylnaphthalene		
	6385	2-Methylnaphthalene		
	5500	Acenaphthene		
	5505	Acenaphthylene		
	5555	Anthracene		
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5590	Benzo(g,h,i)perylene		
	5600	Benzo(k)fluoranthene		
	5585	Benzo[b]fluoranthene		
	5855	Chrysene		
	5895	Dibenz(a,h) anthracene		
	6265	Fluoranthene		
	6270	Fluorene		
	6315	Indeno(1,2,3-cd) pyrene		
	5005	Naphthalene		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6665	Pyrene		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
NWTPH-Gx			90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap



# OREGON

## Environmental Laboratory Accreditation Program

### ORELAP Fields of Accreditation



**Friedman & Bruya, Inc**

3012 16th Avenue West  
Seattle, WA 98119

**ORELAP ID: WA100005**

**EPA CODE: WA00112**

**Certificate: WA100005 - 018**

Issue Date: 5/3/2021 Expiration Date: 5/5/2022

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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	9408	Gasoline range organics (GRO)		
SM 2340 B 22nd Ed 22nd Ed			20046417	Hardness - Hardness by Calculation
	1760	Hardness (calc.)		

### Solids

AK101 GRO			90015002	Determination of Gasoline Range Organics - Alaska Department of Environmental Conservation
	9408	Gasoline range organics (GRO)		
AK102 DRO			90015206	Determination of Diesel Range Organics - Alaska Department of Environmental Conservation
	9369	Diesel range organics (DRO)		
AK103 RRO			90015400	Determination of Residual Range Organics - Alaska Department of Environmental Conservation
	9499	Motor Oil		
EPA 1631E			10237204	Mercury in Water by Oxidation, Purge & Trap, and Cold Vapor Atomic Fluorescence
	1095	Mercury		
EPA 200.8 5.4 5.4			10014605	Metals by ICP-MS
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1095	Mercury		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		





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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	1165	Thallium		
	1185	Vanadium		
	1190	Zinc		
EPA 3050B			10135601	Acid Digestion of Sediments, Sludges, and soils
	1400	Acid Digestion of Solids		
EPA 3550C			10142004	Ultrasonic Extraction
	1468	Ultrasonic Extraction		
EPA 3630C			10146802	Silica gel cleanup
	1446	Silica Gel Clean-up		
EPA 5035A			10284807	Closed-System Purge-and-Trap and Extraction for Volatile Organics in Soil and Waste Samples
	1392	Closed-System Purge & Trap (Methanol)		
	1450	Solid-Phase Purge & Trap		
EPA 6020B 2 2			10156420	Inductively Coupled Plasma-Mass Spectrometry
	1005	Antimony		
	1010	Arsenic		
	1015	Barium		
	1020	Beryllium		
	1030	Cadmium		
	1040	Chromium		
	1050	Cobalt		
	1055	Copper		
	1075	Lead		
	1090	Manganese		
	1095	Mercury		
	1100	Molybdenum		
	1105	Nickel		
	1140	Selenium		
	1150	Silver		
	1165	Thallium		
	1185	Vanadium		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	1190	Zinc		
EPA 8021B			10174808	Aromatic and Halogenated Volatiles by GC with PID and/or ECD Purge & Trap
	4375	Benzene		
	4765	Ethylbenzene		
	5140	Toluene		
	5260	Xylene (total)		
EPA 8081B			10178811	Organochlorine Pesticides by Gas Chromatography
	7355	4,4'-DDD		
	7360	4,4'-DDE		
	7365	4,4'-DDT		
	7025	Aldrin		
	7110	alpha-BHC (alpha-Hexachlorocyclohexane)		
	7115	beta-BHC (beta-Hexachlorocyclohexane)		
	7240	cis-chlordane (alpha-Chlordane)		
	7105	delta-BHC		
	7470	Dieldrin		
	7510	Endosulfan I		
	7515	Endosulfan II		
	7520	Endosulfan sulfate		
	7540	Endrin		
	7530	Endrin aldehyde		
	7535	Endrin ketone		
	7120	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)		
	7245	gamma-Chlordane		
	7685	Heptachlor		
	7690	Heptachlor epoxide		
	7810	Methoxychlor		
	8250	Toxaphene (Chlorinated camphene)		
EPA 8082A			10179358	Polychlorinated Biphenyls (PCBs) by GC/ECD



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	8880	Aroclor-1016 (PCB-1016)		
	8885	Aroclor-1221 (PCB-1221)		
	8890	Aroclor-1232 (PCB-1232)		
	8895	Aroclor-1242 (PCB-1242)		
	8900	Aroclor-1248 (PCB-1248)		
	8905	Aroclor-1254 (PCB-1254)		
	8910	Aroclor-1260 (PCB-1260)		
	8912	Aroclor-1262 (PCB-1262)		
	8913	Aroclor-1268 (PCB-1268)		
EPA 8260D			10307127	Volatile Organic Compounds By GC/MS
	5105	1,1,1,2-Tetrachloroethane		
	5160	1,1,1-Trichloroethane		
	5110	1,1,2,2-Tetrachloroethane		
	5165	1,1,2-Trichloroethane		
	4630	1,1-Dichloroethane		
	4640	1,1-Dichloroethylene		
	4670	1,1-Dichloropropene		
	5150	1,2,3-Trichlorobenzene		
	5180	1,2,3-Trichloropropane		
	5155	1,2,4-Trichlorobenzene		
	5210	1,2,4-Trimethylbenzene		
	4570	1,2-Dibromo-3-chloropropane (DBCP)		
	4585	1,2-Dibromoethane (EDB, Ethylene dibromide)		
	4610	1,2-Dichlorobenzene		
	4635	1,2-Dichloroethane (Ethylene dichloride)		
	4655	1,2-Dichloropropane		
	5215	1,3,5-Trimethylbenzene		
	4615	1,3-Dichlorobenzene		
	4660	1,3-Dichloropropane		
	4620	1,4-Dichlorobenzene		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	4665	2,2-Dichloropropane		
	4410	2-Butanone (Methyl ethyl ketone, MEK)		
	4535	2-Chlorotoluene		
	4860	2-Hexanone (MBK)		
	4540	4-Chlorotoluene		
	4910	4-Isopropyltoluene (p-Cymene)		
	4995	4-Methyl-2-pentanone (MIBK)		
	4315	Acetone		
	4375	Benzene		
	4385	Bromobenzene		
	4395	Bromodichloromethane		
	4400	Bromoform		
	4455	Carbon tetrachloride		
	4475	Chlorobenzene		
	4575	Chlorodibromomethane		
	4485	Chloroethane (Ethyl chloride)		
	4505	Chloroform		
	4645	cis-1,2-Dichloroethylene		
	4680	cis-1,3-Dichloropropene		
	4595	Dibromomethane (Methylene bromide)		
	4625	Dichlorodifluoromethane (Freon-12)		
	9375	Di-isopropylether (DIPE)		
	4765	Ethylbenzene		
	4770	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)		
	4835	Hexachlorobutadiene		
	4900	Isopropylbenzene (Cumene)		
	5240	m+p-xylene		
	4950	Methyl bromide (Bromomethane)		
	4960	Methyl chloride (Chloromethane)		
	5000	Methyl tert-butyl ether (MTBE)		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	4975	Methylene chloride (Dichloromethane)		
	5005	Naphthalene		
	4855	n-Hexane		
	5090	n-Propylbenzene		
	5250	o-Xylene		
	4440	sec-Butylbenzene		
	5100	Styrene		
	4370	T-amylmethylether (TAME)		
	4420	tert-Butyl alcohol		
	4445	tert-Butylbenzene		
	5115	Tetrachloroethylene (Perchloroethylene)		
	5140	Toluene		
	4700	trans-1,2-Dichloroethylene		
	4685	trans-1,3-Dichloropropylene		
	5170	Trichloroethene (Trichloroethylene)		
	5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)		
	5235	Vinyl chloride		
EPA 8260D SIM			10307138	Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry Selected Ion Monitoring (GC/MS SIM)
	4735	1,4-Dioxane (1,4- Diethyleneoxide)		
EPA 8270E			10242543	Semivolatile Organic compounds by GC/MS
	5155	1,2,4-Trichlorobenzene		
	4610	1,2-Dichlorobenzene		
	6220	1,2-Diphenylhydrazine		
	4615	1,3-Dichlorobenzene		
	4620	1,4-Dichlorobenzene		
	6380	1-Methylnaphthalene		
	4659	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether		
	6835	2,4,5-Trichlorophenol		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	6840	2,4,6-Trichlorophenol		
	6000	2,4-Dichlorophenol		
	6130	2,4-Dimethylphenol		
	6175	2,4-Dinitrophenol		
	6185	2,4-Dinitrotoluene (2,4-DNT)		
	6190	2,6-Dinitrotoluene (2,6-DNT)		
	5795	2-Chloronaphthalene		
	5800	2-Chlorophenol		
	6360	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)		
	6385	2-Methylnaphthalene		
	6400	2-Methylphenol (o-Cresol)		
	6460	2-Nitroaniline		
	6490	2-Nitrophenol		
	6412	3 & 4 Methylphenol		
	5945	3,3'-Dichlorobenzidine		
	6465	3-Nitroaniline		
	5660	4-Bromophenyl phenyl ether (BDE-3)		
	5700	4-Chloro-3-methylphenol		
	5745	4-Chloroaniline		
	5825	4-Chlorophenyl phenylether		
	6470	4-Nitroaniline		
	6500	4-Nitrophenol		
	5500	Acenaphthene		
	5505	Acenaphthylene		
	5555	Anthracene		
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5590	Benzo(g,h,i)perylene		
	5600	Benzo(k)fluoranthene		
	5585	Benzo[b]fluoranthene		
	5610	Benzoic acid		



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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	5630	Benzyl alcohol		
	5760	bis(2-Chloroethoxy)methane		
	5765	bis(2-Chloroethyl) ether		
	5670	Butyl benzyl phthalate		
	5680	Carbazole		
	5855	Chrysene		
	6065	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)		
	5895	Dibenz(a,h) anthracene		
	5905	Dibenzofuran		
	6070	Diethyl phthalate		
	6135	Dimethyl phthalate		
	5925	Di-n-butyl phthalate		
	6200	Di-n-octyl phthalate		
	6265	Fluoranthene		
	6270	Fluorene		
	6275	Hexachlorobenzene		
	4835	Hexachlorobutadiene		
	6285	Hexachlorocyclopentadiene		
	4840	Hexachloroethane		
	6315	Indeno(1,2,3-cd) pyrene		
	6320	Isophorone		
	5005	Naphthalene		
	5015	Nitrobenzene		
	6530	n-Nitrosodimethylamine		
	6545	n-Nitrosodi-n-propylamine		
	6535	n-Nitrosodiphenylamine		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6625	Phenol		
	6665	Pyrene		

EPA 8270E SIM

10242565 Semivolatile Organic compounds by Gas Chromatography/Mass Spectrometry (GC/MS-SIM)





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Matrix Reference	Analyte Code	Analyte	Method Code	Description
	6380	1-Methylnaphthalene		
	6385	2-Methylnaphthalene		
	5500	Acenaphthene		
	5505	Acenaphthylene		
	5555	Anthracene		
	5575	Benzo(a)anthracene		
	5580	Benzo(a)pyrene		
	5590	Benzo(g,h,i)perylene		
	5600	Benzo(k)fluoranthene		
	5585	Benzo[b]fluoranthene		
	5855	Chrysene		
	5895	Dibenz(a,h) anthracene		
	6265	Fluoranthene		
	6270	Fluorene		
	6315	Indeno(1,2,3-cd) pyrene		
	5005	Naphthalene		
	6605	Pentachlorophenol		
	6615	Phenanthrene		
	6665	Pyrene		
NWTPH-Dx			90018409	Oregon DEQ TPH Diesel Range
	9369	Diesel range organics (DRO)		
NWTPH-Gx			90018603	Oregon DEQ TPH Gasoline Range Organics by GC/FID-PID Purge & Trap
	9408	Gasoline range organics (GRO)		