

## Scope of Approval

CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
83-32-9	Soil	Acenaphthene	8270E-SIM	ORELAP
83-32-9	Water	Acenaphthene	8270E-SIM	ORELAP
208-96-8	Soil	Acenaphthylene	8270E-SIM	ORELAP
208-96-8	Water	Acenaphthylene	8270E-SIM	ORELAP
67-64-1	Soil	Acetone	8260D	ORELAP
67-64-1	Water	Acetone	8260D	ORELAP
120-12-7	Soil	Anthracene	8270E-SIM	ORELAP
120-12-7	Water	Anthracene	8270E-SIM	ORELAP
7440-36-0	Water	Antimony (metallic)	200.7	ORELAP
7440-36-0	Soil	Antimony (metallic)	6010D	ORELAP
7440-36-0	Water	Antimony (metallic)	6010D	ORELAP
7440-38-2	Water	Arsenic, Inorganic	200.7	ORELAP
7440-38-2	Soil	Arsenic, Inorganic	6010D	ORELAP
7440-38-2	Water	Arsenic, Inorganic	6010D	ORELAP
7440-39-3	Water	Barium	200.7	ORELAP
7440-39-3	Soil	Barium	6010D	ORELAP
7440-39-3	Water	Barium	6010D	ORELAP
56-55-3	Soil	Benz[a]anthracene	8270E-SIM	ORELAP
56-55-3	Water	Benz[a]anthracene	8270E-SIM	ORELAP
71-43-2	Soil	Benzene	8260D	ORELAP
71-43-2	Water	Benzene	8260D	ORELAP
71-43-2	Soil	Benzene	8260D-SIM	ORELAP
71-43-2	Water	Benzene	8260D-SIM	ORELAP
50-32-8	Soil	Benzo[a]pyrene	8270E-SIM	ORELAP
50-32-8	Water	Benzo[a]pyrene	8270E-SIM	ORELAP
205-99-2	Soil	Benzo[b]fluoranthene	8270E-SIM	ORELAP
205-99-2	Water	Benzo[b]fluoranthene	8270E-SIM	ORELAP
191-24-2	Soil	Benzo[g,h,i]perylene	8270E-SIM	ORELAP
191-24-2	Water	Benzo[g,h,i]perylene	8270E-SIM	ORELAP
207-08-9	Soil	Benzo[k]fluoranthene	8270E-SIM	ORELAP
207-08-9	Water	Benzo[k]fluoranthene	8270E-SIM	ORELAP
7440-41-7	Water	Beryllium and compounds	200.7	ORELAP
7440-41-7	Soil	Beryllium and compounds	6010D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
7440-41-7	Water	Beryllium and compounds	6010D	ORELAP
108-86-1	Soil	Bromobenzene	8260D	ORELAP
108-86-1	Water	Bromobenzene	8260D	ORELAP
75-27-4	Soil	Bromodichloromethane	8260D	ORELAP
75-27-4	Water	Bromodichloromethane	8260D	ORELAP
75-27-4	Soil	Bromodichloromethane	8260D-SIM	ORELAP
75-27-4	Water	Bromodichloromethane	8260D-SIM	ORELAP
75-25-2	Soil	Bromoform	8260D	ORELAP
75-25-2	Water	Bromoform	8260D	ORELAP
75-25-2	Soil	Bromoform	8260D-SIM	ORELAP
75-25-2	Water	Bromoform	8260D-SIM	ORELAP
74-83-9	Soil	Bromomethane	8260D	ORELAP
74-83-9	Water	Bromomethane	8260D	ORELAP
74-83-9	Soil	Bromomethane	8260D-SIM	ORELAP
74-83-9	Water	Bromomethane	8260D-SIM	ORELAP
106-99-0	Soil	Butadiene, 1,3-	8260D	ORELAP
106-99-0	Water	Butadiene, 1,3-	8260D	ORELAP
104-51-8	Soil	Butylbenzene, n-	8260D	ORELAP
104-51-8	Water	Butylbenzene, n-	8260D	ORELAP
135-98-8	Soil	Butylbenzene, sec-	8260D	ORELAP
135-98-8	Water	Butylbenzene, sec-	8260D	ORELAP
98-06-6	Soil	Butylbenzene, tert-	8260D	ORELAP
98-06-6	Water	Butylbenzene, tert-	8260D	ORELAP
7440-43-9	Water	Cadmium	200.7	ORELAP
7440-43-9	Soil	Cadmium	6010D	ORELAP
7440-43-9	Water	Cadmium	6010D	ORELAP
75-15-0	Soil	Carbon Disulfide	8260D	ORELAP
75-15-0	Water	Carbon Disulfide	8260D	ORELAP
56-23-5	Soil	Carbon Tetrachloride	8260D	ORELAP
56-23-5	Water	Carbon Tetrachloride	8260D	ORELAP
108-90-7	Soil	Chlorobenzene	8260D	ORELAP
108-90-7	Water	Chlorobenzene	8260D	ORELAP
67-66-3	Soil	Chloroform	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
67-66-3	Water	Chloroform	8260D	ORELAP
67-66-3	Soil	Chloroform	8260D-SIM	ORELAP
67-66-3	Water	Chloroform	8260D-SIM	ORELAP
74-87-3	Soil	Chloromethane	8260D	ORELAP
74-87-3	Water	Chloromethane	8260D	ORELAP
7440-47-3	Water	Chromium (Total)	200.7	ORELAP
7440-47-3	Soil	Chromium (Total)	6010D	ORELAP
7440-47-3	Water	Chromium (Total)	6010D	ORELAP
218-01-9	Soil	Chrysene	8270E-SIM	ORELAP
218-01-9	Water	Chrysene	8270E-SIM	ORELAP
7440-50-8	Water	Copper	200.7	ORELAP
7440-50-8	Soil	Copper	6010D	ORELAP
7440-50-8	Water	Copper	6010D	ORELAP
98-82-8	Soil	Cumene (Isopropylbenzene)	8260D	ORELAP
98-82-8	Water	Cumene (Isopropylbenzene)	8260D	ORELAP
110-82-7	Soil	Cyclohexane	8260D	ORELAP
110-82-7	Water	Cyclohexane	8260D	ORELAP
53-70-3	Soil	Dibenz[a,h]anthracene	8270E-SIM	ORELAP
53-70-3	Water	Dibenz[a,h]anthracene	8270E-SIM	ORELAP
124-48-1	Soil	Dibromochloromethane	8260D	ORELAP
124-48-1	Water	Dibromochloromethane	8260D	ORELAP
124-48-1	Soil	Dibromochloromethane	8260D-SIM	ORELAP
124-48-1	Water	Dibromochloromethane	8260D-SIM	ORELAP
106-93-4	Soil	Dibromoethane, 1,2- (Ethylene Dibromide)	8011	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8011	ORELAP
106-93-4	Soil	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D	ORELAP
106-93-4	Soil	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D-SIM	ORELAP
106-93-4	Water	Dibromoethane, 1,2- (Ethylene Dibromide)	8260D-SIM	ORELAP
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260D	ORELAP
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260D	ORELAP
74-95-3	Soil	Dibromomethane (Methylene Bromide)	8260D-SIM	ORELAP
74-95-3	Water	Dibromomethane (Methylene Bromide)	8260D-SIM	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
95-50-1	Soil	Dichlorobenzene, 1,2-	8260D	ORELAP
95-50-1	Water	Dichlorobenzene, 1,2-	8260D	ORELAP
541-73-1	Soil	Dichlorobenzene, 1,3-	8260D	ORELAP
541-73-1	Water	Dichlorobenzene, 1,3-	8260D	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8260D	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8260D	ORELAP
106-46-7	Soil	Dichlorobenzene, 1,4-	8260D-SIM	ORELAP
106-46-7	Water	Dichlorobenzene, 1,4-	8260D-SIM	ORELAP
75-71-8	Soil	Dichlorodifluoromethane (Freon-12)	8260D	ORELAP
75-71-8	Water	Dichlorodifluoromethane (Freon-12)	8260D	ORELAP
75-34-3	Soil	Dichloroethane, 1,1-	8260D	ORELAP
75-34-3	Water	Dichloroethane, 1,1-	8260D	ORELAP
107-06-2	Soil	Dichloroethane, 1,2-	8260D	ORELAP
107-06-2	Water	Dichloroethane, 1,2-	8260D	ORELAP
107-06-2	Soil	Dichloroethane, 1,2-	8260D-SIM	ORELAP
107-06-2	Water	Dichloroethane, 1,2-	8260D-SIM	ORELAP
75-35-4	Soil	Dichloroethylene, 1,1-	8260D	ORELAP
75-35-4	Water	Dichloroethylene, 1,1-	8260D	ORELAP
156-59-2	Soil	Dichloroethylene, 1,2-cis-	8260D	ORELAP
156-59-2	Water	Dichloroethylene, 1,2-cis-	8260D	ORELAP
156-60-5	Soil	Dichloroethylene, 1,2-trans-	8260D	ORELAP
156-60-5	Water	Dichloroethylene, 1,2-trans-	8260D	ORELAP
78-87-5	Soil	Dichloropropane, 1,2-	8260D	ORELAP
78-87-5	Water	Dichloropropane, 1,2-	8260D	ORELAP
78-87-5	Soil	Dichloropropane, 1,2-	8260D-SIM	ORELAP
78-87-5	Water	Dichloropropane, 1,2-	8260D-SIM	ORELAP
10061-01-5	Soil	Dichloropropene, cis-1,3-	8260D	ORELAP
10061-01-5	Water	Dichloropropene, cis-1,3-	8260D	ORELAP
10061-02-6	Soil	Dichloropropene, trans-1,3-	8260D	ORELAP
10061-02-6	Water	Dichloropropene, trans-1,3-	8260D	ORELAP
N/A	Soil	Diesel Range Organics (C10 – C25)	AK 102	ORELAP
N/A	Water	Diesel Range Organics (C10 – C25)	AK 102	ORELAP
75-00-3	Soil	Ethyl Chloride	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
75-00-3	Water	Ethyl Chloride	8260D	ORELAP
100-41-4	Soil	Ethylbenzene	8260D	ORELAP
100-41-4	Water	Ethylbenzene	8260D	ORELAP
206-44-0	Soil	Fluoranthene	8270E-SIM	ORELAP
206-44-0	Water	Fluoranthene	8270E-SIM	ORELAP
86-73-7	Soil	Fluorene	8270E-SIM	ORELAP
86-73-7	Water	Fluorene	8270E-SIM	ORELAP
N/A	Soil	Gasoline Range Organics (C6 – C10)	AK 101	ORELAP
N/A	Water	Gasoline Range Organics (C6 – C10)	AK 101	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8260D	ORELAP
87-68-3	Water	Hexachlorobutadiene	8260D	ORELAP
87-68-3	Soil	Hexachlorobutadiene	8260D-SIM	ORELAP
87-68-3	Water	Hexachlorobutadiene	8260D-SIM	ORELAP
110-54-3	Soil	Hexane, N-	8260D	ORELAP
110-54-3	Water	Hexane, N-	8260D	ORELAP
591-78-6	Soil	Hexanone, 2-	8260D	ORELAP
591-78-6	Water	Hexanone, 2-	8260D	ORELAP
591-78-6	Soil	Hexanone, 2-	8260D-SIM	ORELAP
591-78-6	Water	Hexanone, 2-	8260D-SIM	ORELAP
193-39-5	Soil	Indeno[1,2,3-cd]pyrene	8270E-SIM	ORELAP
193-39-5	Water	Indeno[1,2,3-cd]pyrene	8270E-SIM	ORELAP
7439-92-1	Water	Lead, Total	200.7	ORELAP
7439-92-1	Soil	Lead, Total	6010D	ORELAP
7439-92-1	Water	Lead, Total	6010D	ORELAP
7439-96-5	Water	Manganese	200.7	ORELAP
7439-96-5	Soil	Manganese	6010D	ORELAP
7439-96-5	Water	Manganese	6010D	ORELAP
7439-97-6	Water	Mercury (elemental)	245.1	ORELAP
7439-97-6	Soil	Mercury (elemental)	7470A	ORELAP
7439-97-6	Water	Mercury (elemental)	7470A	ORELAP
7439-97-6	Soil	Mercury (elemental)	7471B	ORELAP
78-93-3	Soil	Methyl Ethyl Ketone (2-Butanone)	8260D	ORELAP
78-93-3	Water	Methyl Ethyl Ketone (2-Butanone)	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
108-10-1	Soil	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	ORELAP
108-10-1	Water	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	8260D	ORELAP
1634-04-4	Soil	Methyl tert-Butyl Ether (MTBE)	8260D	ORELAP
1634-04-4	Water	Methyl tert-Butyl Ether (MTBE)	8260D	ORELAP
75-09-2	Soil	Methylene Chloride	8260D	ORELAP
75-09-2	Water	Methylene Chloride	8260D	ORELAP
90-12-0	Soil	Methylnaphthalene, 1-	8270E-SIM	ORELAP
90-12-0	Water	Methylnaphthalene, 1-	8270E-SIM	ORELAP
91-57-6	Soil	Methylnaphthalene, 2-	8270E-SIM	ORELAP
91-57-6	Water	Methylnaphthalene, 2-	8270E-SIM	ORELAP
91-20-3	Soil	Naphthalene	8260D	ORELAP
91-20-3	Water	Naphthalene	8260D	ORELAP
91-20-3	Soil	Naphthalene	8260D-SIM	ORELAP
91-20-3	Water	Naphthalene	8260D-SIM	ORELAP
91-20-3	Soil	Naphthalene	8270E-SIM	ORELAP
91-20-3	Water	Naphthalene	8270E-SIM	ORELAP
7440-02-0	Water	Nickel, Total	200.7	ORELAP
7440-02-0	Soil	Nickel, Total	6010D	ORELAP
7440-02-0	Water	Nickel, Total	6010D	ORELAP
12674-11-2	Soil	PCB - Aroclor-1016	8082A	ORELAP
12674-11-2	Water	PCB - Aroclor-1016	8082A	ORELAP
11104-28-2	Soil	PCB - Aroclor-1221	8082A	ORELAP
11104-28-2	Water	PCB - Aroclor-1221	8082A	ORELAP
11141-16-5	Soil	PCB - Aroclor-1232	8082A	ORELAP
11141-16-5	Water	PCB - Aroclor-1232	8082A	ORELAP
53469-21-9	Soil	PCB - Aroclor-1242	8082A	ORELAP
53469-21-9	Water	PCB - Aroclor-1242	8082A	ORELAP
12672-29-6	Soil	PCB - Aroclor-1248	8082A	ORELAP
12672-29-6	Water	PCB - Aroclor-1248	8082A	ORELAP
11097-69-1	Soil	PCB - Aroclor-1254	8082A	ORELAP
11097-69-1	Water	PCB - Aroclor-1254	8082A	ORELAP
11096-82-5	Soil	PCB - Aroclor-1260	8082A	ORELAP
11096-82-5	Water	PCB - Aroclor-1260	8082A	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
85-01-8	Soil	Phenanthrene	8270E-SIM	ORELAP
85-01-8	Water	Phenanthrene	8270E-SIM	ORELAP
103-65-1	Soil	Propyl benzene	8260D	ORELAP
103-65-1	Water	Propyl benzene	8260D	ORELAP
129-00-0	Soil	Pyrene	8270E-SIM	ORELAP
129-00-0	Water	Pyrene	8270E-SIM	ORELAP
N/A	Soil	Residual Range Organics (C25 – C36)	AK 103	ORELAP
N/A	Water	Residual Range Organics (C25 – C36)	AK 103	ORELAP
7782-49-2	Water	Selenium	200.7	ORELAP
7782-49-2	Soil	Selenium	6010D	ORELAP
7782-49-2	Water	Selenium	6010D	ORELAP
7440-22-4	Water	Silver	200.7	ORELAP
7440-22-4	Soil	Silver	6010D	ORELAP
7440-22-4	Water	Silver	6010D	ORELAP
100-42-5	Soil	Styrene	8260D	ORELAP
100-42-5	Water	Styrene	8260D	ORELAP
630-20-6	Soil	Tetrachloroethane, 1,1,1,2-	8260D	ORELAP
630-20-6	Water	Tetrachloroethane, 1,1,1,2-	8260D	ORELAP
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260D	ORELAP
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260D	ORELAP
79-34-5	Soil	Tetrachloroethane, 1,1,2,2-	8260D-SIM	ORELAP
79-34-5	Water	Tetrachloroethane, 1,1,2,2-	8260D-SIM	ORELAP
127-18-4	Soil	Tetrachloroethylene	8260D	ORELAP
127-18-4	Water	Tetrachloroethylene	8260D	ORELAP
7440-28-0	Water	Thallium, Total	200.7	ORELAP
7440-28-0	Soil	Thallium, Total	6010D	ORELAP
7440-28-0	Water	Thallium, Total	6010D	ORELAP
108-88-3	Soil	Toluene	8260D	ORELAP
108-88-3	Water	Toluene	8260D	ORELAP
76-13-1	Soil	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	8260D	ORELAP
76-13-1	Water	Trichloro-1,2,2-trifluoroethane, 1,1,2- (Freon 113)	8260D	ORELAP
87-61-6	Soil	Trichlorobenzene, 1,2,3-	8260D	ORELAP
87-61-6	Water	Trichlorobenzene, 1,2,3-	8260D	ORELAP

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CAS Number	Matrix	Hazardous Substance	Method	Accreditation Body
120-82-1	Soil	Trichlorobenzene, 1,2,4-	8260D	ORELAP
120-82-1	Water	Trichlorobenzene, 1,2,4-	8260D	ORELAP
71-55-6	Soil	Trichloroethane, 1,1,1-	8260D	ORELAP
71-55-6	Water	Trichloroethane, 1,1,1-	8260D	ORELAP
79-00-5	Soil	Trichloroethane, 1,1,2-	8260D	ORELAP
79-00-5	Water	Trichloroethane, 1,1,2-	8260D	ORELAP
79-00-5	Soil	Trichloroethane, 1,1,2-	8260D-SIM	ORELAP
79-00-5	Water	Trichloroethane, 1,1,2-	8260D-SIM	ORELAP
79-01-6	Soil	Trichloroethylene	8260D	ORELAP
79-01-6	Water	Trichloroethylene	8260D	ORELAP
79-01-6	Soil	Trichloroethylene	8260D-SIM	ORELAP
79-01-6	Water	Trichloroethylene	8260D-SIM	ORELAP
75-69-4	Soil	Trichlorofluoromethane	8260D	ORELAP
75-69-4	Water	Trichlorofluoromethane	8260D	ORELAP
96-18-4	Soil	Trichloropropane, 1,2,3-	8011	ORELAP
96-18-4	Water	Trichloropropane, 1,2,3-	8011	ORELAP
96-18-4	Soil	Trichloropropane, 1,2,3-	8260D	ORELAP
96-18-4	Water	Trichloropropane, 1,2,3-	8260D	ORELAP
95-63-6	Soil	Trimethylbenzene, 1,2,4-	8260D	ORELAP
95-63-6	Water	Trimethylbenzene, 1,2,4-	8260D	ORELAP
108-67-8	Soil	Trimethylbenzene, 1,3,5-	8260D	ORELAP
108-67-8	Water	Trimethylbenzene, 1,3,5-	8260D	ORELAP
7440-62-2	Water	Vanadium, Total	200.7	ORELAP
7440-62-2	Soil	Vanadium, Total	6010D	ORELAP
7440-62-2	Water	Vanadium, Total	6010D	ORELAP
75-01-4	Soil	Vinyl Chloride	8260D	ORELAP
75-01-4	Water	Vinyl Chloride	8260D	ORELAP
75-01-4	Soil	Vinyl Chloride	8260D-SIM	ORELAP
75-01-4	Water	Vinyl Chloride	8260D-SIM	ORELAP
N/A	Soil	Xylene, m+p-	8260D	ORELAP
N/A	Water	Xylene, m+p-	8260D	ORELAP
95-47-6	Soil	Xylene, o-	8260D	ORELAP
95-47-6	Water	Xylene, o-	8260D	ORELAP

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1330-20-7	Soil	Xylene, Total	8260D	ORELAP
1330-20-7	Water	Xylene, Total	8260D	ORELAP
7440-66-6	Water	Zinc, Total	200.7	ORELAP
7440-66-6	Soil	Zinc, Total	6010D	ORELAP
7440-66-6	Water	Zinc, Total	6010D	ORELAP