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WATERS, SEDIMENTS, Solids

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126 Priority Pollutants (California Toxics Rule)

Compound	Method	Sub(x)	Hold Time	Matrix	RL	MRL
Purgeable Organic Compounds (4 x 40ml VOA Vial (unpreserved))						
Acrolein	EPA624		3	Final Effluent	2ug/l	5ug/l
Acrylonitrile	EPA624		3	Final Effluent	2	2
Benzene	EPA624		7	Final Effluent	0.3	0.5
Bromoform	EPA624		7	Final Effluent	0.5	2
Carbon tetrachloride	EPA624		7	Final Effluent	0.5	0.5
Chlorobenzene	EPA624		7	Final Effluent	0.5	2
Chlorodibromomethane	EPA624		7	Final Effluent	0.5	0.5
Chloroethane	EPA624		7	Final Effluent	0.5	2
2-Chloroethyl vinyl ether	EPA624		7	Final Effluent	1	1
Chloroform	EPA624		7	Final Effluent	0.5	0.5
1,2-Dichlorobenzene	EPA624		7	Final Effluent	0.5	2
1,3-Dichlorobenzene	EPA624		7	Final Effluent	0.5	2
1,4-Dichlorobenzene	EPA624		7	Final Effluent	0.5	2
Dichlorobromomethane	EPA624		7	Final Effluent	0.5	0.5
1,1-Dichloroethane	EPA624		7	Final Effluent	0.5	1
1,2-Dichloroethane	EPA624		7	Final Effluent	0.5	0.5
1,1-Dichloroethylene	EPA624		7	Final Effluent	0.5	0.5
1,2-Dichloropropane	EPA624		7	Final Effluent	0.5	0.5
cis-1,3-Dichloropropylene	EPA624		7	Final Effluent	0.5	0.5
Ethylbenzene	EPA624		7	Final Effluent	0.5	2
Methyl bromide (Bromomethane)	EPA624		7	Final Effluent	0.5	2
Methyl chloride (Chloromethane)	EPA624		7	Final Effluent	0.5	2
Methylene chloride (Dichloromethane)	EPA624		7	Final Effluent	0.5	2
1,1,2,2-Tetrachloroethane	EPA624		7	Final Effluent	0.5	0.5
Tetrachloroethylene	EPA624		7	Final Effluent	0.5	0.5
Toluene	EPA624		7	Final Effluent	0.3	2
1,2-trans-dichloroethylene	EPA624		7	Final Effluent	0.5	1

Compound	Method	Sub(x)	Hold Time	Matrix	RL	MRL
Purgeable Organic Compounds ~ Continued						
1,1,1-Trichloroethane	EPA624		7	Final Effluent	0.5	2ug/l
1,1,2-Trichloroethane	EPA624		7	Final Effluent	0.5	0.5
Trichloroethylene	EPA624		7	Final Effluent	0.5	2
Vinyl Chloride	EPA624		7	Final Effluent	0.5	0.5
Acid/Base Neutral Organic Compounds (2 x 1 Liter Amber Glass (unpreserved))						
2-Chlorophenol	EPA625		7	Final Effluent	5	2
2,4-Dichlorophenol	EPA625		7	Final Effluent	5	1
2,4-Dimethylphenol	EPA625		7	Final Effluent	2	2
4,6-Dinitro-o-cresol (2-methylphenol)	EPA625		7	Final Effluent	5	10
2,4-Dinitrophenol	EPA625		7	Final Effluent	5	5
2-Nitrophenol	EPA625		7	Final Effluent	10	10
4-Nitrophenol	EPA625		7	Final Effluent	10	10
4-Chloro-3-methylphenol	EPA625		7	Final Effluent	1	5
Pentachlorophenol	EPA625		7	Final Effluent	5	1
Phenol	EPA625		7	Final Effluent	1	1
2,4,6-Trichlorophenol	EPA625		7	Final Effluent	10	10
Acenaphthene	EPA625		7	Final Effluent	1	1
Acenaphthylene	625SIM		7	Final Effluent	0.2	10
Anthracene	625SIM		7	Final Effluent	0.2	10
Benzidine	EPA625		7	Final Effluent	5	5
Benzo(a)anthracene	625SIM		7	Final Effluent	0.2	5
Benzo(a)pyrene	625SIM		7	Final Effluent	0.2	2
3,4-Benzofluoranthene	625SIM		7	Final Effluent	0.2	10
Benzo(g,h,i)perylene	625SIM		7	Final Effluent	0.2	5
Benzo(k)fluoranthene	625SIM		7	Final Effluent	0.2	2
bis(2-Chloroethoxy)methane	EPA625		7	Final Effluent	5	5
bis(2-Chloroethyl)ether	EPA625		7	Final Effluent	1	1
bis(2-Chloroisopropyl)ether	EPA625		7	Final Effluent	2	10
bis(2-Ethylhexyl)phthalate	EPA625		7	Final Effluent	5	5
4-Bromophenyl phenyl ether	EPA625		7	Final Effluent	5	10
Butyl benzyl phthalate	EPA625		7	Final Effluent	10	10
2-Chloronaphthalene	EPA625		7	Final Effluent	10	10
4-Chlorophenyl phenyl ether	EPA625		7	Final Effluent	5	5
Chrysene	625SIM		7	Final Effluent	0.2	5
Dibenzo(a,h)anthracene	625SIM		7	Final Effluent	0.2	0.1
3,3'-Dichlorobenzidine	EPA625		7	Final Effluent	5	5
Diethyl phthalate	EPA625		7	Final Effluent	2	2
Dimethyl phthalate	EPA625		7	Final Effluent	2	2
Di-n-butyl phthalate	EPA625		7	Final Effluent	10	10
2,4-Dinitrotoluene	EPA625		7	Final Effluent	5	5
2,6-Dinitrotoluene	EPA625		7	Final Effluent	5	5
Di-n-octyl phthalate	EPA625		7	Final Effluent	10	10
1,2-Diphenylhydrazine	EPA625		7	Final Effluent	1	1
Fluoranthene	EPA625		7	Final Effluent	1	10
Fluorene	EPA625		7	Final Effluent	10	10

Compound	Method	Sub(x)	Hold Time	Matrix	RL	MRL
Acid/Base Neutral Organic Compounds ~ Continued						
Hexachlorobenzene	EPA625		7	Final Effluent	1	1
Hexachlorobutadiene	EPA625		7	Final Effluent	1	1
Hexachlorocyclopentadiene	EPA625		7	Final Effluent	5	5
Hexachloroethane	EPA625		7	Final Effluent	1	1
Indeno(1,2,3-c,d)pyrene	625SIM		7	Final Effluent	0.2	0.05
Isophorone	EPA625		7	Final Effluent	1	1
Naphthalene	EPA625		7	Final Effluent	1	10
Nitrobenzene	EPA625		7	Final Effluent	1	10
N-Nitrosodimethylamine (NDMA)	EPA625		7	Final Effluent	5	5
N-Nitrosodi-n-propylamine	EPA625		7	Final Effluent	5	5
N-Nitrosodiphenylamine	EPA625		7	Final Effluent	1	1
Phenanthrene	625SIM		7	Final Effluent	0.2	5
Pyrene	625SIM		7	Final Effluent	0.2	10
1,2,4-Trichlorobenzene	EPA625		7	Final Effluent	5	5
Pesticide & Poly Chlorinated Biphenyl Compounds (2 x 1 Liter Amber Glass (unpreserved))						
Aldrin	EPA608		7	Final Effluent	0.005ug/l	0.005ug/l
Alpha-BHC	EPA608		7	Final Effluent	0.01	0.01
Beta-BHC	EPA608		7	Final Effluent	0.005	0.005
Gamma-BHC	EPA608		7	Final Effluent	0.01	0.02
Delta-BHC	EPA608		7	Final Effluent	0.005	0.005
Chlordane	EPA608		7	Final Effluent	0.05	0.1
4,4'-DDT	EPA608		7	Final Effluent	0.01	0.01
4,4'-DDE	EPA608		7	Final Effluent	0.02	0.05
4,4'-DDD	EPA608		7	Final Effluent	0.02	0.05
Dieldrin	EPA608		7	Final Effluent	0.01	0.01
Endosulfan I	EPA608		7	Final Effluent	0.01	0.02
Endosulfan II	EPA608		7	Final Effluent	0.01	0.01
Endosulfan sulfate	EPA608		7	Final Effluent	0.05	0.05
Endrin	EPA608		7	Final Effluent	0.01	0.01
Endrin aldehyde	EPA608		7	Final Effluent	0.01	0.01
Heptachlor	EPA608		7	Final Effluent	0.01	0.01
Heptachlor epoxide	EPA608		7	Final Effluent	0.01	0.01
PCB Alohclors	EPA608		7	Final Effluent	0.5	0.5
Toxaphene	EPA608		7	Final Effluent	0.5	0.5
Metals (500ml Poly (HNO3) + 250ml Poly (Ammonium Sulfate buffer))						
Arsenic	EPA200.8			Final Effluent	0.5	1ug/l
Cadmium	EPA200.8			Final Effluent	0.1	0.25
Chromium	EPA200.8			Final Effluent	0.5	2
Hexavalent Chromium	SM3500			Final Effluent	10	10
Lead	EPA200.8			Final Effluent	0.25	0.5
Mercury	EPA1631	x		Final Effluent	0.5ng/l	0.5ng/l
Selenium	EPA200.8			Final Effluent	1ug/l	5
Silver	EPA200.8			Final Effluent	0.1	1
Antimony	EPA200.8			Final Effluent	0.5	5

Compound	Method	Sub(x)	Hold Time	Matrix	RL	MRL
Metals ~ Continued						
Beryllium	EPA200.8			Final Effluent	0.1ug/l	1ug/l
Copper	EPA200.8			Final Effluent	0.5	0.5
Zinc	EPA200.8			Final Effluent	5	10
Nickel	EPA200.8			Final Effluent	0.5	5
Thallium	EPA200.8			Final Effluent	0.1	1
Misc. Analytical Requirements						
Asbestos	EPA100.1	x	2 days	Final Effluent	0.2MFL>10um	0.2MFL>10um
Cyanide	EPA335.2	x	14 days	Final Effluent	5ug/l	5ug/l
2,3,7,8-TCDD (Dioxin)	EPA1613	x	365days	Final Effluent	5.00E-06	5.00E-06