

Test Code: SV\_8270S\_W

METHOD DETECTION/REPORTING  
LIMITS

Test Number: SW8270C

Test Name: SW-846 3510C, 8270C, Semi-Volatile Organic Compounds by GC/MS

Matrix: Aqueous

Units: mg/L

Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	1,2,4-Trichlorobenzene		0.001	0.01	NELAP
A	1,2-Dichlorobenzene		0.001	0.01	NELAP
A	1,3-Dichlorobenzene		0.001	0.01	NELAP
A	1,4-Dichlorobenzene		0.001	0.01	NELAP
A	2,4,5-Trichlorophenol		0.002	0.01	NELAP
A	2,4,6-Trichlorophenol		0.001	0.01	NELAP
A	2,4-Dichlorophenol		0.001	0.01	NELAP
A	2,4-Dimethylphenol		0.001	0.01	NELAP
A	2,4-Dinitrophenol		0.01	0.02	NELAP
A	2,4-Dinitrotoluene		0.002	0.01	NELAP
A	2,6-Dinitrotoluene		0.001	0.01	NELAP
A	2-Chloronaphthalene		0.001	0.01	NELAP
A	2-Chlorophenol		0.001	0.01	NELAP
A	2-Methoxy-4-methylphenol		0.003	0.01	
A	2-Methylnaphthalene		0.001	0.01	NELAP
A	2-Nitroaniline		0.001	0.04	NELAP
A	2-Nitrophenol		0.001	0.02	NELAP
A	3,3'-Dichlorobenzidine		0.002	0.01	NELAP
A	3-Nitroaniline		0.002	0.04	NELAP
A	4,6-Dinitro-2-methylphenol		0.004	0.02	NELAP
A	4-Bromophenyl phenyl ether		0.002	0.01	NELAP
A	4-Chloro-3-methylphenol		0.002	0.02	NELAP
A	4-Chloroaniline		0.001	0.02	NELAP
A	4-Chlorophenyl phenyl ether		0.001	0.01	NELAP
A	4-Nitroaniline		0.002	0.02	NELAP
A	4-Nitrophenol		0.004	0.02	NELAP
A	Acenaphthene		0.001	0.01	NELAP
A	Acenaphthylene		0.001	0.01	NELAP
A	Aniline		0.001	0.02	NELAP
A	Anthracene		0.002	0.01	NELAP
A	Azobenzene		0.002	0.01	
A	Benzidine		0.014	0.04	NELAP
A	Benzo(a)anthracene		0.002	0.01	NELAP
A	Benzo(a)pyrene		0.002	0.01	NELAP
A	Benzo(b)fluoranthene		0.002	0.01	NELAP
A	Benzo(g,h,i)perylene		0.003	0.01	NELAP
A	Benzo(k)fluoranthene		0.002	0.01	NELAP
A	Benzoic acid		0.02	0.05	NELAP
A	Benzyl alcohol		0.001	0.02	NELAP
A	Bis(2-chloroethoxy)methane		0.001	0.01	NELAP
A	Bis(2-chloroethyl)ether		0.001	0.01	NELAP

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Bis(2-chloroisopropyl)ether		0.001	0.01	NELAP
A	Bis(2-ethylhexyl)phthalate		0.004	0.006	NELAP
A	Bis(chloromethyl)ether		0.002	0.01	
A	Butyl benzyl phthalate		0.002	0.01	NELAP
A	Carbazole		0.003	0.02	NELAP
A	Chrysene		0.002	0.01	NELAP
A	Di-n-butyl phthalate		0.003	0.01	NELAP
A	Di-n-octyl phthalate		0.002	0.01	NELAP
A	Dibenzo(a,h)anthracene		0.003	0.01	NELAP
A	Dibenzofuran		0.001	0.01	NELAP
A	Diethyl phthalate		0.002	0.01	NELAP
A	Dimethyl phthalate		0.001	0.01	NELAP
A	Fluoranthene		0.002	0.01	NELAP
A	Fluorene		0.001	0.01	NELAP
A	Hexachlorobenzene		0.002	0.01	NELAP
A	Hexachlorobutadiene		0.001	0.01	NELAP
A	Hexachlorocyclopentadiene		0.004	0.02	NELAP
A	Hexachloroethane		0.001	0.01	NELAP
A	Indeno(1,2,3-cd)pyrene		0.003	0.01	NELAP
A	Isophorone		0.001	0.01	NELAP
A	m,p-Cresol		0.001	0.01	NELAP
A	N-Nitroso-di-n-propylamine		0.001	0.01	NELAP
A	N-Nitrosodimethylamine		0.004	0.02	NELAP
A	N-Nitrosodiphenylamine		0.002	0.01	NELAP
A	Naphthalene		0.001	0.01	NELAP
A	Nitrobenzene		0.001	0.01	NELAP
A	o-Cresol		0.001	0.01	NELAP
A	Pentachlorophenol		0.004	0.02	NELAP
A	Phenanthrene		0.002	0.01	NELAP
A	Phenol		0.0025	0.005	NELAP
A	Pyrene		0.002	0.01	NELAP
A	Pyridine		0.01	0.02	NELAP
A	Quinoline		0.001	0.005	
C	1,2-Diphenylhydrazine		0.002	0.01	