

Test Code: V_8260S_W

METHOD DETECTION/REPORTING
LIMITS

Test Number: SW8260B

Test Name: SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS

Matrix: Aqueous

Units: µg/L

Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	1,1,1,2-Tetrachloroethane		1	5	NELAP
A	1,1,1-Trichloroethane		1	5	NELAP
A	1,1,2,2-Tetrachloroethane		1	5	NELAP
A	1,1,2-Trichloro-1,2,2-trifluoroethane		5	20	
A	1,1,2-Trichloroethane		1	5	NELAP
A	1,1-Dichloro-2-propanone		20	50	
A	1,1-Dichloroethane		1	5	NELAP
A	1,1-Dichloroethene		1	5	NELAP
A	1,1-Dichloropropene		1	5	NELAP
A	1,2,3-Trichlorobenzene		1	5	NELAP
A	1,2,3-Trichloropropane		1	5	NELAP
A	1,2,3-Trimethylbenzene		1	5	
A	1,2,4-Trichlorobenzene		1	5	NELAP
A	1,2,4-Trimethylbenzene		1	5	NELAP
A	1,2-Dibromo-3-chloropropane		1	5	NELAP
A	1,2-Dibromoethane		1	5	NELAP
A	1,2-Dichlorobenzene		1	5	NELAP
A	1,2-Dichloroethane		1	5	NELAP
A	1,2-Dichloropropane		1	5	NELAP
A	1,3,5-Trimethylbenzene		1	5	NELAP
A	1,3-Dichlorobenzene		1	5	NELAP
A	1,3-Dichloropropane		1	5	NELAP
A	1,4-Dichlorobenzene		1	5	NELAP
A	1-Chlorobutane		1	5	NELAP
A	2,2-Dichloropropane		1	5	NELAP
A	2-Butanone		5	25	NELAP
A	2-Chloroethyl vinyl ether		5	20	NELAP
A	2-Chlorotoluene		1	5	NELAP
A	2-Hexanone		5	25	NELAP
A	2-Nitropropane		10	50	NELAP
A	4-Chlorotoluene		1	5	NELAP
A	4-Methyl-2-pentanone		5	25	NELAP
A	Acetone		5	25	NELAP
A	Acetonitrile		20	50	NELAP
A	Acrolein		10	100	NELAP
A	Acrylonitrile		1	5	NELAP
A	Allyl chloride		1	5	NELAP
A	Benzene		0.5	2	NELAP
A	Bromobenzene		1	5	NELAP
A	Bromochloromethane		1	5	NELAP
A	Bromodichloromethane		1	5	NELAP

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Bromoform		1	5	NELAP
A	Bromomethane		2	10	NELAP
A	Butyl acetate		5	25	
A	Carbon disulfide		1	5	NELAP
A	Carbon tetrachloride		1	5	NELAP
A	Chlorobenzene		1	5	NELAP
A	Chloroethane		2	10	NELAP
A	Chloroform		1	5	NELAP
A	Chloromethane		2	10	NELAP
A	Chloroprene		5	20	NELAP
A	cis-1,2-Dichloroethene		1	5	NELAP
A	cis-1,3-Dichloropropene		1	5	NELAP
A	cis-1,4-Dichloro-2-butene		1	5	NELAP
A	Cyclohexanone		20	50	
A	Dibromochloromethane		1	5	NELAP
A	Dibromomethane		1	5	NELAP
A	Dichlorodifluoromethane		2	10	NELAP
A	Ethyl acetate		5	10	NELAP
A	Ethyl ether		1	5	NELAP
A	Ethyl methacrylate		1	5	NELAP
A	Ethylbenzene		1	5	NELAP
A	Heptane		5	20	
A	Hexachlorobutadiene		1	5	NELAP
A	Hexachloroethane		2	10	NELAP
A	Iodomethane		1	5	NELAP
A	Isopropylbenzene		1	5	NELAP
A	m,p-Xylenes		1	5	NELAP
A	Methacrylonitrile		2	10	NELAP
A	Methyl acetate		1	5	
A	Methyl Methacrylate		1	5	NELAP
A	Methyl tert-butyl ether		0.5	2	NELAP
A	Methylacrylate		2	10	
A	Methylene chloride		1	5	NELAP
A	n-Butylbenzene		1	5	NELAP
A	n-Hexane		5	20	
A	n-Propylbenzene		1	5	NELAP
A	Naphthalene		2	10	NELAP
A	Nitrobenzene		10	50	NELAP
A	o-Xylene		1	5	NELAP
A	p-Isopropyltoluene		1	5	NELAP
A	Pentachloroethane		4	20	NELAP

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Propionitrile		10	50	NELAP
A	sec-Butylbenzene		1	5	NELAP
A	Styrene		1	5	NELAP
A	tert-Butylbenzene		1	5	NELAP
A	Tetrachloroethene		1	5	NELAP
A	Tetrahydrofuran		5	20	NELAP
A	Toluene		1	5	NELAP
A	trans-1,2-Dichloroethene		1	5	NELAP
A	trans-1,3-Dichloropropene		1	5	NELAP
A	trans-1,4-Dichloro-2-butene		2	10	NELAP
A	Trichloroethene		1	5	NELAP
A	Trichlorofluoromethane		1	5	NELAP
A	Vinyl acetate		2	10	NELAP
A	Vinyl chloride		0.5	2	NELAP
C	Xylenes, Total		1	5	NELAP
C	1,3-Dichloropropene, Total		1	5	
C	1,4-Dichloro-2-butene, Total		2	10	
C	1,2-Dichloroethene, Total		1	5	
X	Gasoline Range Organics (OA-1)		400	1000	