

Test Code: V\_8260S\_S

METHOD DETECTION/REPORTING  
LIMITS

Test Number: SW8260B

Test Name: SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS

Matrix: Solid

Units: µg/Kg

Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	1,1,1,2-Tetrachloroethane		0.56	2	NELAP
A	1,1,1-Trichloroethane		0.29	2	NELAP
A	1,1,2,2-Tetrachloroethane		0.38	2	NELAP
A	1,1,2-Trichloro-1,2,2-trifluoroethane		0.86	2	*
A	1,1,2-Trichloroethane		0.32	5	NELAP
A	1,1-Dichloro-2-propanone		6.98	50	*
A	1,1-Dichloroethane		0.54	2	NELAP
A	1,1-Dichloroethene		0.19	2	NELAP
A	1,1-Dichloropropene		0.41	2	NELAP
A	1,2,3-Trichlorobenzene		0.61	2	NELAP
A	1,2,3-Trichloropropane		0.72	2	NELAP
A	1,2,3-Trimethylbenzene		0.67	2	*
A	1,2,4-Trichlorobenzene		0.48	2	NELAP
A	1,2,4-Trimethylbenzene		0.63	2	NELAP
A	1,2-Dibromo-3-chloropropane		0.79	5	NELAP
A	1,2-Dibromoethane		0.11	2	NELAP
A	1,2-Dichlorobenzene		0.33	2	NELAP
A	1,2-Dichloroethane		0.15	2	NELAP
A	1,2-Dichloropropane		0.21	2	NELAP
A	1,3,5-Trimethylbenzene		0.52	2	NELAP
A	1,3-Dichlorobenzene		0.52	2	NELAP
A	1,3-Dichloropropane		0.28	2	NELAP
A	1,4-Dichlorobenzene		0.46	2	NELAP
A	1-Chlorobutane		0.38	2	NELAP
A	2,2-Dichloropropane		0.2	2	NELAP
A	2-Butanone		3.25	25	NELAP
A	2-Chloroethyl vinyl ether		0.77	5	*
A	2-Chlorotoluene		0.43	2	NELAP
A	2-Hexanone		2.04	25	NELAP
A	2-Nitropropane		4.56	50	NELAP
A	4-Chlorotoluene		0.54	2	NELAP
A	4-Methyl-2-pentanone		2.2	25	NELAP
A	Acetone		10.73	25	NELAP
A	Acetonitrile		8.7	50	NELAP
A	Acrolein		20.7	50	NELAP
A	Acrylonitrile		0.97	5	NELAP
A	Allyl chloride		0.26	2	NELAP
A	Benzene		0.27	1	NELAP
A	Bromobenzene		0.39	2	NELAP
A	Bromochloromethane		0.31	2	NELAP
A	Bromodichloromethane		0.3	2	NELAP

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Bromoform		0.37	5	NELAP
A	Bromomethane		1.31	10	NELAP
A	Carbon disulfide		1.72	2	NELAP
A	Carbon tetrachloride		0.21	2	NELAP
A	Chlorobenzene		0.35	2	NELAP
A	Chloroethane		1.55	10	NELAP
A	Chloroform		0.34	2	NELAP
A	Chloromethane		1.23	10	NELAP
A	cis-1,2-Dichloroethene		0.22	2	NELAP
A	cis-1,3-Dichloropropene		0.25	2	NELAP
A	Cyclohexanone		18.36	50	*
A	Dibromochloromethane		0.3	2	NELAP
A	Dibromomethane		0.23	2	NELAP
A	Dichlorodifluoromethane		1.57	10	NELAP
A	Ethyl ether		0.31	2	NELAP
A	Ethyl methacrylate		0.42	2	NELAP
A	Ethylbenzene		0.56	2	NELAP
A	Hexachlorobutadiene		0.4	2	NELAP
A	Hexachloroethane		0.38	2	NELAP
A	Iodomethane		3.12	10	NELAP
A	Isopropylbenzene		0.56	2	NELAP
A	m,p-Xylenes		1.2	4	NELAP
A	Methacrylonitrile		1.02	5	NELAP
A	Methyl acetate		0.86	5	*
A	Methyl Methacrylate		0.65	5	NELAP
A	Methyl tert-butyl ether		0.26	2	NELAP
A	Methylacrylate		0.62	5	NELAP
A	Methylene chloride		6.89	10	NELAP
A	n-Butylbenzene		0.55	2	NELAP
A	n-Heptane		0.7	20	*
A	n-Hexane		3.47	20	*
A	n-Propylbenzene		0.45	2	NELAP
A	Naphthalene		1.2	5	NELAP
A	Nitrobenzene		33.06	50	NELAP
A	o-Xylene		0.54	4	NELAP
A	p-Isopropyltoluene		0.6	2	NELAP
A	Pentachloroethane		0.3	5	NELAP
A	Propionitrile		6.82	50	NELAP
A	sec-Butylbenzene		0.5	2	NELAP
A	Styrene		0.58	2	NELAP
A	tert-Butylbenzene		0.46	2	NELAP

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Tetrachloroethene		0.45	2	NELAP
A	Tetrahydrofuran		1.31	10	NELAP
A	Toluene		0.35	2	NELAP
A	trans-1,2-Dichloroethene		0.18	2	NELAP
A	trans-1,3-Dichloropropene		0.27	2	NELAP
A	trans-1,4-Dichloro-2-butene		0.52	2	NELAP
A	Trichloroethene		0.3	2	NELAP
A	Trichlorofluoromethane		0.39	5	NELAP
A	Vinyl acetate		1.02	50	NELAP
A	Vinyl chloride		0.32	2	NELAP
C	Xylenes, Total		1.74	8	NELAP
C	1,2-Dichloroethene, Total		0.4	4	*
C	1,3-Dichloropropene, Total		0.52	4	*
X	Ethyl acetate		1.64	50	NELAP
X	Gasoline Range Organics (OA-1)		168	500	*
X	1,3-Dichloropropylene	1,3-Dichloropropene, Total	0.25	2	*