

Test Code: V_624E_W

METHOD DETECTION/REPORTING
LIMITS

Test Number: EPA624

Test Name: EPA 600 624 (Modified), Volatile Organic Compounds by GC/MS

Matrix: Aqueous

Units: µg/L

Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	1,1,1-Trichloroethane		0.33	2	NELAP
A	1,1,2,2-Tetrachloroethane		0.1	2	NELAP
A	1,1,2-Trichloroethane		0.1	0.5	NELAP
A	1,1-Dichloroethane		0.39	2	NELAP
A	1,1-Dichloroethene		0.38	2	NELAP
A	1,2,4-Trichlorobenzene		0.24	2	*
A	1,2,4-Trimethylbenzene		0.1	2	*
A	1,2-Dibromoethane		0.12	2	*
A	1,2-Dichlorobenzene		0.22	2	NELAP
A	1,2-Dichloroethane		0.11	2	NELAP
A	1,2-Dichloropropane		0.11	2	NELAP
A	1,3-Dichlorobenzene		0.1	2	NELAP
A	1,4-Dichlorobenzene		0.14	2	NELAP
A	2-Butanone		1.12	10	*
A	2-Chloroethyl vinyl ether		0.45	5	NELAP
A	4-Methyl-2-pentanone		0.43	10	*
A	Acetone		2.44	10	*
A	Acetonitrile		1.42	10	NELAP
A	Acrolein		2.14	20	NELAP
A	Acrylonitrile		0.25	5	NELAP
A	Benzene		0.05	0.5	NELAP
A	Bromodichloromethane		0.1	2	NELAP
A	Bromoform		0.1	2	NELAP
A	Bromomethane		1.01	5	NELAP
A	Carbon disulfide		0.46	2	*
A	Carbon tetrachloride		0.1	2	NELAP
A	Chlorobenzene		0.1	2	NELAP
A	Chloroethane		0.21	2	NELAP
A	Chloroform		0.21	2	NELAP
A	Chloromethane		0.18	5	NELAP
A	cis-1,2-Dichloroethene		0.1	2	*
A	cis-1,3-Dichloropropene		0.12	2	NELAP
A	Dibromochloromethane		0.17	2	NELAP
A	Dichlorodifluoromethane		0.15	2	*
A	Diisopropyl ether		0.24	2	*
A	Ethyl acetate		1.07	10	*
A	Ethylbenzene		0.1	2	NELAP
A	Hexachloroethane		0.25	5	*
A	Isopropyl acetate		0.17	2	*
A	m,p-Xylenes		0.18	2	*
A	Methyl Acetate		0.48	5	*

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Type	Analyte	Synonym	MDL	PQL	EPA Lbl
A	Methyl tert-butyl ether	Methyl tert-butyl ether	0.1	2	NELAP
A	Methylene chloride		0.87	2	NELAP
A	n-Amyl acetate	n-Amyl acetate	0.44	5	*
A	n-Butyl acetate		0.28	2	*
A	n-Heptane		0.2	5	*
A	n-Hexane	Hexane	1.54	5	*
A	Naphthalene		0.36	5	*
A	o-Xylene		0.1	2	*
A	Styrene		0.14	2	*
A	Tetrachloroethene		0.1	0.5	NELAP
A	Tetrahydrofuran		0.81	5	*
A	Toluene		0.1	2	NELAP
A	trans-1,2-Dichloroethene		0.1	2	NELAP
A	trans-1,3-Dichloropropene		0.12	2	NELAP
A	Trichloroethene		0.18	2	NELAP
A	Trichlorofluoromethane		0.13	5	NELAP
A	Vinyl chloride		0.1	2	NELAP
C	Xylenes, Total		0.28	4	NELAP
C	1,3-Dichloropropene, Total		0.24	4	*
C	1,2-Dichloroethene, Total		0.2	4	*