

Analytical Method Information

Analyte	MDL	Reporting	Surrogate	Duplicate	Matrix Spike		Blank Spike / LCS	
		Limit	%R	RPD	%R	RPD	%R	RPD
625 Semivolatiles in Water (EPA 625)								
Preservation: Store cool at 4°C								
Container: 1L Amber- Unpres.								
Amount Required: 2 1L Ambers								
Hold Time: 7 days								
Acenaphthene	0.57	1.0 ug/l			49 - 106	25	70 - 110	25
Acenaphthylene	0.48	10 ug/l			56 - 103	25	70 - 115	25
Anthracene	0.39	10 ug/l			43 - 130	25	70 - 125	25
Benzidine	3.4	5.0 ug/l						
Benzo (a) anthracene	0.39	10 ug/l			77 - 117	25	80 - 122	25
Benzo (a) pyrene	0.50	10 ug/l			56 - 117	25	80 - 125	25
Benzo (b) fluoranthene	0.64	10 ug/l			24 - 159	25	24 - 159	25
Benzo (g,h,i) perylene	0.93	5.0 ug/l			29 - 125	25	60 - 150	25
Benzo (k) fluoranthene	0.34	10 ug/l			11 - 162	25	11 - 162	25
Bis(2-chloroethoxy)methane	0.81	5.0 ug/l			53 - 110	25	62 - 106	25
Bis(2-chloroethyl)ether	0.14	1.0 ug/l			25 - 118	25	40 - 99	25
Bis(2-chloroisopropyl)ether	0.41	2.0 ug/l			36 - 155	25	36 - 110	25
Bis(2-ethylhexyl)phthalate	0.83	5.0 ug/l			8 - 158	25	55 - 152	25
Bis(2-ethylhexyl)adipate	3.1	5.0 ug/l			38 - 183	25	60 - 142	25
4-Bromophenyl phenyl ether	0.43	5.0 ug/l			72 - 108	25	74 - 120	25
Butyl benzyl phthalate	0.64	10 ug/l			65 - 135	25	67 - 152	25
4-Chloro-3-methylphenol	0.58	1.0 ug/l			45 - 125	25	56 - 116	25
2-Chloronaphthalene	0.57	10 ug/l			60 - 110	25	60 - 118	25
2-Chlorophenol	0.66	5.0 ug/l			33 - 115	25	53 - 100	25
4-Chlorophenyl phenyl ether	0.93	5.0 ug/l			63 - 112	25	67 - 115	25
Chrysene	0.76	10 ug/l			60 - 122	25	60 - 122	25
Dibenz (a,h) anthracene	0.83	10 ug/l			41 - 139	25	67 - 150	25
3,3'-Dichlorobenzidine	2.0	5.0 ug/l						
2,4-Dichlorophenol	0.66	5.0 ug/l			57 - 113	25	67 - 110	25
Diethyl phthalate	0.86	2.0 ug/l			71 - 112	25	74 - 119	25
2,4-Dimethylphenol	1.2	2.0 ug/l			32 - 119	25	32 - 119	25
Dimethyl phthalate	0.68	2.0 ug/l			70 - 111	25	68 - 121	25
Di-n-butyl phthalate	0.91	10 ug/l			68 - 131	25	73 - 129	25
4,6-Dinitro-2-methylphenol	0.75	5.0 ug/l			18 - 164	25	59 - 129	25
2,4-Dinitrophenol	1.3	5.0 ug/l			46 - 149	25	46 - 149	25
2,4-Dinitrotoluene	0.68	5.0 ug/l			75 - 115	25	75 - 120	25
2,6-Dinitrotoluene	0.54	5.0 ug/l			72 - 119	25	66 - 120	25
Di-n-octyl phthalate	0.65	10 ug/l			68 - 135	25	71 - 127	25
1,2-Diphenylhydrazine	0.33	1.0 ug/l			56 - 121	25	61 - 121	25
Fluoranthene	0.76	1.0 ug/l			63 - 122	25	63 - 122	25
Fluorene	0.81	10 ug/l			59 - 113	25	75 - 120	25
Hexachlorobenzene	0.89	1.0 ug/l			66 - 105	25	75 - 120	25
Hexachlorobutadiene	0.84	1.0 ug/l			29 - 108	25	46 - 93	25
Hexachlorocyclopentadiene	0.45	5.0 ug/l			0 - 125	25	8 - 83	25
Hexachloroethane	0.58	1.0 ug/l			40 - 90	25	40 - 89	25
Indeno (1,2,3-cd) pyrene	0.63	10 ug/l			47 - 125	25	68 - 150	25
Isophorone	0.81	1.0 ug/l			39 - 140	25	39 - 140	25
Naphthalene	0.66	1.0 ug/l			47 - 107	25	47 - 107	25
Nitrobenzene	0.74	1.0 ug/l			38 - 124	25	38 - 124	25
2-Nitrophenol	0.90	10 ug/l			49 - 112	25	44 - 120	25
4-Nitrophenol	0.99	10 ug/l			21 - 110	25	21 - 71	25
N-Nitrosodimethylamine	1.1	5.0 ug/l			0 - 184	25	11 - 111	25

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					%R	RPD	%R	RPD
N-Nitrosodi-n-propylamine	0.85	5.0 ug/l			49 - 116	25	58 - 104	25
N-Nitrosodiphenylamine	0.90	1.0 ug/l			0 - 141	25	60 - 120	25
Pentachlorophenol	1.4	5.0 ug/l			14 - 176	25	53 - 145	25
Phenol	0.46	1.0 ug/l			17 - 87	25	21 - 51	25
Phenanthrene	0.65	5.0 ug/l			63 - 123	25	63 - 123	25
Pyrene	0.45	10 ug/l			66 - 130	25	70 - 130	25
1,2,4-Trichlorobenzene	0.59	5.0 ug/l			44 - 101	25	51 - 96	25
2,4,6-Trichlorophenol	0.74	10 ug/l			69 - 120	25	68 - 116	25
surr: 2-Fluorobiphenyl			42 - 115					
surr: 2-Fluorophenol			21 - 87					
surr: Nitrobenzene-d5			50 - 110					
surr: p-Terphenyl-d14			61 - 134					
surr: Phenol-d6			20 - 52					
surr: 2,4,6-Tribromophenol			54 - 135					