



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
8270D SV (20-200 ppb) or (0.2-2 ppb Low LVL SepF) (EPA 8270D) in Solid									
Preservation: Cool <6°C									
Container: Glass WM, Clear, 8 oz									
Minimum Sample Weight: 300 g									
Hold Time: 14 days									
Phenol	8.23 ug/kg	10.0 ug/kg	20.0 ug/kg		30	34 - 120	30	34 - 120	30
bis(2-chloroethyl) ether	6.78 ug/kg	10.0 ug/kg	20.0 ug/kg		30	36 - 120	30	36 - 120	30
2-Chlorophenol	6.47 ug/kg	10.0 ug/kg	20.0 ug/kg		30	39 - 120	30	39 - 120	30
1,3-Dichlorobenzene	5.07 ug/kg	10.0 ug/kg	20.0 ug/kg		30	40 - 120	30	40 - 120	30
1,4-Dichlorobenzene	4.39 ug/kg	10.0 ug/kg	20.0 ug/kg		30	39 - 120	30	39 - 120	30
1,2-Dichlorobenzene	4.66 ug/kg	10.0 ug/kg	20.0 ug/kg		30	40 - 120	30	40 - 120	30
Benzyl Alcohol	14.9 ug/kg	20.0 ug/kg	20.0 ug/kg		30	19 - 120	30	19 - 120	30
2,2'-Oxybis(1-chloropropane)	5.67 ug/kg	10.0 ug/kg	20.0 ug/kg		30	32 - 120	30	32 - 120	30
2-Methylphenol	7.84 ug/kg	10.0 ug/kg	20.0 ug/kg		30	28 - 120	30	28 - 120	30
Hexachloroethane	5.65 ug/kg	10.0 ug/kg	20.0 ug/kg		30	38 - 120	30	38 - 120	30
N-Nitroso-di-n-Propylamine	10.8 ug/kg	15.0 ug/kg	20.0 ug/kg		30	34 - 120	30	34 - 120	30
4-Methylphenol	14.7 ug/kg	15.0 ug/kg	20.0 ug/kg		30	29 - 120	30	29 - 120	30
Nitrobenzene	7.95 ug/kg	10.0 ug/kg	20.0 ug/kg		30	36 - 120	30	36 - 120	30
Isophorone	7.75 ug/kg	10.0 ug/kg	20.0 ug/kg		30	37 - 120	30	37 - 120	30
2-Nitrophenol	6.92 ug/kg	10.0 ug/kg	20.0 ug/kg		30	30 - 120	30	30 - 120	30
2,4-Dimethylphenol	26.8 ug/kg	50.0 ug/kg	100 ug/kg		30	10 - 120	30	10 - 120	30
Bis(2-Chloroethoxy)methane	6.34 ug/kg	10.0 ug/kg	20.0 ug/kg		30	39 - 120	30	39 - 120	30
2,4-Dichlorophenol	32.0 ug/kg	50.0 ug/kg	100 ug/kg		30	28 - 120	30	28 - 120	30
1,2,4-Trichlorobenzene	5.96 ug/kg	10.0 ug/kg	20.0 ug/kg		30	35 - 120	30	35 - 120	30
Naphthalene	5.25 ug/kg	10.0 ug/kg	20.0 ug/kg		30	43 - 120	30	43 - 120	30
Benzoic acid	59.1 ug/kg	100 ug/kg	200 ug/kg		30	10 - 120	30	10 - 120	30
4-Chloroaniline	33.7 ug/kg	50.0 ug/kg	100 ug/kg		30	11 - 120	30	11 - 120	30
Hexachlorobutadiene	5.01 ug/kg	10.0 ug/kg	20.0 ug/kg		30	37 - 120	30	37 - 120	30
4-Chloro-3-Methylphenol	28.9 ug/kg	50.0 ug/kg	100 ug/kg		30	32 - 120	30	32 - 120	30
2-Methylnaphthalene	5.67 ug/kg	10.0 ug/kg	20.0 ug/kg		30	43 - 120	30	43 - 120	30



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Hexachlorocyclopentadiene	41.3 ug/kg	50.0 ug/kg	100 ug/kg		30	10 - 120	30	10 - 120	30
2,4,6-Trichlorophenol	25.4 ug/kg	50.0 ug/kg	100 ug/kg		30	30 - 120	30	30 - 120	30
2,4,5-Trichlorophenol	26.9 ug/kg	50.0 ug/kg	100 ug/kg		30	28 - 120	30	28 - 120	30
2-Chloronaphthalene	4.44 ug/kg	10.0 ug/kg	20.0 ug/kg		30	40 - 120	30	40 - 120	30
2-Nitroaniline	30.2 ug/kg	50.0 ug/kg	100 ug/kg		30	31 - 126	30	31 - 126	30
Acenaphthylene	4.77 ug/kg	10.0 ug/kg	20.0 ug/kg		30	42 - 120	30	42 - 120	30
Dimethylphthalate	6.44 ug/kg	10.0 ug/kg	20.0 ug/kg		30	43 - 120	30	43 - 120	30
2,6-Dinitrotoluene	26.7 ug/kg	50.0 ug/kg	100 ug/kg		30	33 - 123	30	33 - 123	30
Acenaphthene	5.13 ug/kg	10.0 ug/kg	20.0 ug/kg		30	45 - 120	30	45 - 120	30
3-Nitroaniline	37.7 ug/kg	50.0 ug/kg	100 ug/kg		30	22 - 120	30	22 - 120	30
2,4-Dinitrophenol	41.3 ug/kg	100 ug/kg	200 ug/kg		30	10 - 120	30	10 - 120	30
Dibenzofuran	4.61 ug/kg	10.0 ug/kg	20.0 ug/kg		30	43 - 120	30	43 - 120	30
4-Nitrophenol	44.4 ug/kg	50.0 ug/kg	100 ug/kg		30	15 - 138	30	15 - 138	30
2,4-Dinitrotoluene	22.9 ug/kg	50.0 ug/kg	100 ug/kg		30	35 - 127	30	35 - 127	30
Fluorene	4.95 ug/kg	10.0 ug/kg	20.0 ug/kg		30	45 - 120	30	45 - 120	30
4-Chlorophenylphenyl ether	6.96 ug/kg	10.0 ug/kg	20.0 ug/kg		30	32 - 120	30	32 - 120	30
Diethyl phthalate	17.7 ug/kg	20.0 ug/kg	20.0 ug/kg		30	50 - 120	30	50 - 120	30
4-Nitroaniline	34.9 ug/kg	50.0 ug/kg	100 ug/kg		30	24 - 125	30	24 - 125	30
4,6-Dinitro-2-methylphenol	50.5 ug/kg	100 ug/kg	200 ug/kg		30	24 - 120	30	24 - 120	30
N-Nitrosodiphenylamine	9.57 ug/kg	10.0 ug/kg	20.0 ug/kg		30	36 - 120	30	36 - 120	30
4-Bromophenyl phenyl ether	6.07 ug/kg	10.0 ug/kg	20.0 ug/kg		30	39 - 120	30	39 - 120	30
Hexachlorobenzene	4.74 ug/kg	10.0 ug/kg	20.0 ug/kg		30	33 - 120	30	33 - 120	30
Pentachlorophenol	31.3 ug/kg	50.0 ug/kg	100 ug/kg		30	16 - 120	30	16 - 120	30
Phenanthrene	4.69 ug/kg	10.0 ug/kg	20.0 ug/kg		30	49 - 120	30	49 - 120	30
Anthracene	5.93 ug/kg	10.0 ug/kg	20.0 ug/kg		30	45 - 120	30	45 - 120	30
Carbazole	7.37 ug/kg	10.0 ug/kg	20.0 ug/kg		30	43 - 135	30	43 - 135	30
Di-n-Butylphthalate	5.31 ug/kg	10.0 ug/kg	20.0 ug/kg		30	48 - 126	30	48 - 126	30
Fluoranthene	4.52 ug/kg	10.0 ug/kg	20.0 ug/kg		30	53 - 120	30	53 - 120	30



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Pyrene	5.55 ug/kg	10.0 ug/kg	20.0 ug/kg		30	48 - 121	30	48 - 121	30
Butylbenzylphthalate	8.05 ug/kg	10.0 ug/kg	20.0 ug/kg		30	45 - 132	30	45 - 132	30
Benzo(a)anthracene	5.18 ug/kg	10.0 ug/kg	20.0 ug/kg		30	49 - 120	30	49 - 120	30
3,3'-Dichlorobenzidine	31.2 ug/kg	50.0 ug/kg	100 ug/kg		30	10 - 120	30	10 - 120	30
Chrysene	5.22 ug/kg	10.0 ug/kg	20.0 ug/kg		30	47 - 120	30	47 - 120	30
bis(2-Ethylhexyl)phthalate	28.8 ug/kg	40.0 ug/kg	50.0 ug/kg		30	34 - 130	30	34 - 130	30
Di-n-Octylphthalate	8.72 ug/kg	10.0 ug/kg	20.0 ug/kg		30	28 - 124	30	28 - 124	30
Benzofluoranthenes, Total	10.2 ug/kg	20.0 ug/kg	40.0 ug/kg		30	30 - 160	30	30 - 160	30
Benzo(a)pyrene	6.48 ug/kg	10.0 ug/kg	20.0 ug/kg		30	42 - 120	30	42 - 120	30
Indeno(1,2,3-cd)pyrene	5.99 ug/kg	10.0 ug/kg	20.0 ug/kg		30	42 - 123	30	42 - 123	30
Dibenzo(a,h)anthracene	6.16 ug/kg	10.0 ug/kg	20.0 ug/kg		30	30 - 133	30	30 - 133	30
Benzo(g,h,i)perylene	5.82 ug/kg	10.0 ug/kg	20.0 ug/kg		30	38 - 126	30	38 - 126	30
1-Methylnaphthalene	5.95 ug/kg	10.0 ug/kg	20.0 ug/kg		30	42 - 120	30	42 - 120	30
surr: 2-Fluorophenol				27 - 120					
surr: Phenol-d5				29 - 120					
surr: 2-Chlorophenol-d4				31 - 120					
surr: 1,2-Dichlorobenzene-d4				32 - 120					
surr: Nitrobenzene-d5				30 - 120					
surr: 2-Fluorobiphenyl				35 - 120					
surr: 2,4,6-Tribromophenol				24 - 134					
surr: p-Terphenyl-d14				37 - 120					
1,4-Dichlorobenzene-d4									
Naphthalene-d8									
Acenaphthene-d10									
Phenanthrene-d10									
Chrysene-d12									
Di-n-Octylphthalate-d4									
Perylene-d12									



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