

Analytical Method Information

Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					%R	RPD	%R	RPD
8270 Regular List in Soil (EPA 8270C)								
Preservation: Store cool at 4°C								
Container: 8 oz. jar								
Amount Required: 8oz								
Hold Time: 14 days								
Acenaphthene	0.010	0.062 mg/kg			35 - 90	25	35 - 90	25
Acenaphthylene	0.010	0.062 mg/kg						
Anthracene	0.010	0.062 mg/kg						
Benzidine	0.40	1.6 mg/kg						
Benzo (a) anthracene	0.031	0.33 mg/kg						
Benzo (a) pyrene	0.010	0.062 mg/kg						
Benzo (b) fluoranthene	0.010	0.062 mg/kg						
Benzo (g,h,i) perylene	0.010	0.062 mg/kg						
Benzo (k) fluoranthene	0.014	0.062 mg/kg						
Benzoic acid	0.24	1.6 mg/kg						
Benzyl alcohol	0.089	0.66 mg/kg						
Bis(2-chloroethoxy)methane	0.077	0.33 mg/kg						
Bis(2-chloroethyl)ether	0.086	0.33 mg/kg						
Bis(2-chloroisopropyl)ether	0.076	0.33 mg/kg						
Bis(2-ethylhexyl)phthalate	0.058	0.33 mg/kg						
4-Bromophenyl phenyl ether	0.044	0.33 mg/kg						
Butyl benzyl phthalate	0.036	0.33 mg/kg						
4-Chloro-3-methylphenol	0.047	0.33 mg/kg			55 - 105	25	55 - 105	25
4-Chloroaniline	0.068	0.66 mg/kg						
2-Chloronaphthalene	0.069	0.33 mg/kg						
2-Chlorophenol	0.073	0.33 mg/kg			55 - 100	25	55 - 100	25
4-Chlorophenyl phenyl ether	0.053	0.33 mg/kg						
Chrysene	0.010	0.062 mg/kg						
Di-n-butyl phthalate	0.33	0.33 mg/kg						
Di-n-octyl phthalate	0.076	0.33 mg/kg						
Dibenz (a,h) anthracene	0.011	0.062 mg/kg						
Dibenzofuran	0.067	0.33 mg/kg						
1,2-Dichlorobenzene	0.083	0.33 mg/kg						
1,3-Dichlorobenzene	0.097	0.33 mg/kg						
1,4-Dichlorobenzene	0.061	0.33 mg/kg			55 - 100	25	55 - 100	25
3,3'-Dichlorobenzidine	0.044	0.66 mg/kg						
2,4-Dichlorophenol	0.074	0.33 mg/kg						
Diethyl phthalate	0.066	0.33 mg/kg						
Dimethyl phthalate	0.044	0.33 mg/kg						
2,4-Dimethylphenol	0.056	0.33 mg/kg						
4,6-Dinitro-2-methylphenol	0.11	1.6 mg/kg						
2,4-Dinitrophenol	0.14	1.6 mg/kg						
2,4-Dinitrotoluene	0.039	0.33 mg/kg			65 - 100	25	65 - 100	25
2,6-Dinitrotoluene	0.091	0.33 mg/kg						
1,2-Diphenylhydrazine	0.044	0.33 mg/kg						
Fluoranthene	0.010	0.062 mg/kg						
Fluorene	0.0080	0.062 mg/kg						
Hexachlorobenzene	0.057	0.33 mg/kg						
Hexachlorobutadiene	0.084	0.33 mg/kg						
Hexachlorocyclopentadiene	0.031	1.6 mg/kg						
Hexachloroethane	0.083	0.33 mg/kg						
Indeno (1,2,3-cd) pyrene	0.010	0.062 mg/kg						

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					%R	RPD	%R	RPD
Isophorone	0.072	0.33 mg/kg						
2-Methylnaphthalene	0.010	0.062 mg/kg						
2-Methylphenol (o-cresol)	0.070	0.33 mg/kg						
3 & 4-Methylphenol (m,p-cresol)	0.069	0.33 mg/kg						
N-Nitrosodi-n-propylamine	0.064	0.33 mg/kg			45 - 80	25	45 - 80	25
N-Nitrosodimethylamine	0.081	0.66 mg/kg						
N-Nitrosodiphenylamine	0.042	0.33 mg/kg						
Naphthalene	0.011	0.062 mg/kg						
2-Nitroaniline	0.17	1.6 mg/kg						
3-Nitroaniline	0.18	1.6 mg/kg						
4-Nitroaniline	0.17	1.6 mg/kg						
Nitrobenzene	0.083	0.33 mg/kg						
2-Nitrophenol	0.20	1.6 mg/kg						
4-Nitrophenol	0.18	1.6 mg/kg			60 - 110	25	60 - 110	25
Pentachlorophenol	0.099	1.6 mg/kg			60 - 115	25	60 - 115	25
Phenanthrene	0.010	0.062 mg/kg						
Phenol	0.081	0.33 mg/kg			55 - 100	25	55 - 100	25
Pyrene	0.010	0.062 mg/kg			50 - 100	25	50 - 100	25
1,2,4-Trichlorobenzene	0.081	0.33 mg/kg			55 - 95	25	55 - 95	25
2,4,5-Trichlorophenol	0.060	0.33 mg/kg						
2,4,6-Trichlorophenol	0.069	0.33 mg/kg						
surr: 2-Fluorobiphenyl			61 - 117					
surr: 2-Fluorophenol			50 - 113					
surr: Nitrobenzene-d5			47 - 123					
surr: p-Terphenyl-d14			63 - 133					
surr: Phenol-d6			49 - 119					
surr: 2,4,6-Tribromophenol			52 - 129					