



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
8270D-SIM PAH (0.1 ug/L or 5 ug/kg) (EPA 8270D-SIM) in Solid									
Preservation: Cool <6°C									
Container: Glass WM, Clear, 8 oz									
Minimum Sample Weight: 150 g									
Hold Time: 14 days									
Naphthalene	1.28 ug/kg	5.00 ug/kg	5.00 ug/kg		30	36 - 120	30	36 - 120	30
2-Methylnaphthalene	1.10 ug/kg	2.50 ug/kg	5.00 ug/kg		30	35 - 120	30	35 - 120	30
1-Methylnaphthalene	0.401 ug/kg	2.50 ug/kg	5.00 ug/kg		30	39 - 120	30	39 - 120	30
Acenaphthylene	1.08 ug/kg	2.50 ug/kg	5.00 ug/kg		30	35 - 120	30	35 - 120	30
Acenaphthene	0.571 ug/kg	2.50 ug/kg	5.00 ug/kg		30	39 - 120	30	39 - 120	30
Dibenzofuran	1.38 ug/kg	2.50 ug/kg	5.00 ug/kg		30	38 - 120	30	38 - 120	30
Fluorene	0.631 ug/kg	2.50 ug/kg	5.00 ug/kg		30	41 - 120	30	41 - 120	30
Phenanthrene	0.718 ug/kg	2.50 ug/kg	5.00 ug/kg		30	46 - 120	30	46 - 120	30
Anthracene	0.871 ug/kg	2.50 ug/kg	5.00 ug/kg		30	36 - 120	30	36 - 120	30
Fluoranthene	0.470 ug/kg	4.00 ug/kg	5.00 ug/kg		30	46 - 120	30	46 - 120	30
Pyrene	0.626 ug/kg	4.00 ug/kg	5.00 ug/kg		30	49 - 120	30	49 - 120	30
Benzo(a)anthracene	0.824 ug/kg	2.50 ug/kg	5.00 ug/kg		30	42 - 120	30	42 - 120	30
Chrysene	1.05 ug/kg	2.50 ug/kg	5.00 ug/kg		30	48 - 120	30	48 - 120	30
Benzo(b)fluoranthene	1.37 ug/kg	2.50 ug/kg	5.00 ug/kg		30	35 - 127	30	35 - 127	30
Benzo(k)fluoranthene	0.760 ug/kg	2.50 ug/kg	5.00 ug/kg		30	37 - 129	30	37 - 129	30
Benzo(j)fluoranthene	0.680 ug/kg	2.50 ug/kg	5.00 ug/kg		30	40 - 120	30	40 - 120	30
Benzofluoranthenes, Total	3.01 ug/kg	5.00 ug/kg	10.0 ug/kg		30	46 - 120	30	46 - 120	30
Benzo(a)pyrene	0.614 ug/kg	2.50 ug/kg	5.00 ug/kg		30	36 - 120	30	36 - 120	30
Indeno(1,2,3-cd)pyrene	1.05 ug/kg	4.00 ug/kg	5.00 ug/kg		30	40 - 120	30	40 - 120	30
Dibenzo(a,h)anthracene	0.891 ug/kg	4.00 ug/kg	5.00 ug/kg		30	38 - 120	30	38 - 120	30
Benzo(g,h,i)perylene	1.06 ug/kg	4.00 ug/kg	5.00 ug/kg		30	38 - 120	30	38 - 120	30
surr: 2-Methylnaphthalene-d10					32 - 120				
surr: Dibenzo[a,h]anthracene-d14					21 - 133				
surr: Fluoranthene-d10					36 - 134				
Naphthalene-d8									



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Acenaphthene-d10							
Phenanthrene-d10							
Chrysene-d12							
Perylene-d12							