



**Analytical Method Information**

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
<b>8270D-SIM PAH (0.1 ug/L or 5 ug/kg) (EPA 8270D-SIM) in Water</b>									
Preservation: Cool <6°C									
Container: Glass NM, Amber, 500 mL									
Minimum Sample Volume: 1000									
Hold Time: 7 days									
Naphthalene	0.0169 ug/L	0.0500 ug/L	0.100 ug/L		30	33 - 120	30	33 - 120	30
2-Methylnaphthalene	0.0259 ug/L	0.0500 ug/L	0.100 ug/L		30	29 - 120	30	29 - 120	30
1-Methylnaphthalene	0.0196 ug/L	0.0500 ug/L	0.100 ug/L		30	37 - 120	30	37 - 120	30
Acenaphthylene	0.0232 ug/L	0.0500 ug/L	0.100 ug/L		30	32 - 120	30	32 - 120	30
Acenaphthene	0.0203 ug/L	0.0500 ug/L	0.100 ug/L		30	38 - 120	30	38 - 120	30
Dibenzofuran	0.0217 ug/L	0.0500 ug/L	0.100 ug/L		30	38 - 120	30	38 - 120	30
Fluorene	0.0161 ug/L	0.0500 ug/L	0.100 ug/L		30	41 - 120	30	41 - 120	30
Phenanthrene	0.0243 ug/L	0.0500 ug/L	0.100 ug/L		30	49 - 120	30	49 - 120	30
Anthracene	0.0228 ug/L	0.0500 ug/L	0.100 ug/L		30	39 - 120	30	39 - 120	30
Fluoranthene	0.0161 ug/L	0.0500 ug/L	0.100 ug/L		30	48 - 120	30	48 - 120	30
Pyrene	0.0254 ug/L	0.0500 ug/L	0.100 ug/L		30	48 - 120	30	48 - 120	30
Benzo(a)anthracene	0.0458 ug/L	0.0500 ug/L	0.100 ug/L		30	37 - 120	30	37 - 120	30
Chrysene	0.0552 ug/L	0.100 ug/L	0.100 ug/L		30	48 - 120	30	48 - 120	30
Benzo(b)fluoranthene	0.0854 ug/L	0.100 ug/L	0.100 ug/L		30	38 - 128	30	38 - 128	30
Benzo(k)fluoranthene	0.0864 ug/L	0.100 ug/L	0.100 ug/L		30	36 - 130	30	36 - 130	30
Benzo(j)fluoranthene	0.0309 ug/L	0.0500 ug/L	0.100 ug/L		30	49 - 120	30	49 - 120	30
Benzofluoranthenes, Total	0.191 ug/L	0.200 ug/L	0.200 ug/L		30	46 - 120	30	46 - 120	30
Benzo(a)pyrene	0.0559 ug/L	0.100 ug/L	0.100 ug/L		30	25 - 120	30	25 - 120	30
Indeno(1,2,3-cd)pyrene	0.0840 ug/L	0.100 ug/L	0.100 ug/L		30	32 - 120	30	32 - 120	30
Dibenzo(a,h)anthracene	0.0900 ug/L	0.100 ug/L	0.100 ug/L		30	21 - 120	30	21 - 120	30
Benzo(g,h,i)perylene	0.0721 ug/L	0.100 ug/L	0.100 ug/L		30	28 - 120	30	28 - 120	30
surr: 2-Methylnaphthalene-d10						31 - 120			
surr: Dibenzo[a,h]anthracene-d14						10 - 125			
surr: Fluoranthene-d10						46 - 121			
Naphthalene-d8									



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Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R    RPD	Blank Spike / LCS %R    RPD
Acenaphthene-d10							
Phenanthrene-d10							
Chrysene-d12							
Perylene-d12							