



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
8270D-SIM Alkyl PAH (EPA 8270D-SIM) in Solid									
Preservation: Cool <6°C									
Container: Glass WM, Clear, 8 oz									
Minimum Sample Weight: 150 g									
Hold Time: 14 days									
trans-Decalin	3.90 ug/kg	5.00 ug/kg	5.00 ug/kg			30 - 160	40	30 - 160	40
cis-Decalin			10.0 ug/kg						
Naphthalene	3.21 ug/kg	5.00 ug/kg	5.00 ug/kg		40	37 - 120	40	37 - 120	40
1-Methylnaphthalene	1.59 ug/kg	2.50 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
2-Methylnaphthalene	1.86 ug/kg	2.50 ug/kg	5.00 ug/kg		40	37 - 120	40	37 - 120	40
Biphenyl	2.32 ug/kg	2.50 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
2,6-Dimethylnaphthalene	2.16 ug/kg	2.50 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
Acenaphthylene	1.97 ug/kg	2.50 ug/kg	5.00 ug/kg		40	35 - 120	40	35 - 120	40
Acenaphthene	1.81 ug/kg	2.50 ug/kg	5.00 ug/kg		40	39 - 120	40	39 - 120	40
Dibenzofuran	2.16 ug/kg	2.50 ug/kg	5.00 ug/kg		40	39 - 120	40	39 - 120	40
2,3,5-Trimethylnaphthalene			5.00 ug/kg						
Fluorene	1.60 ug/kg	2.50 ug/kg	5.00 ug/kg		40	42 - 120	40	42 - 120	40
Phenanthrene	1.74 ug/kg	2.50 ug/kg	5.00 ug/kg		40	47 - 120	40	47 - 120	40
Anthracene	2.37 ug/kg	2.50 ug/kg	5.00 ug/kg		40	41 - 120	40	41 - 120	40
Carbazole	2.72 ug/kg	5.00 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
1-Methylphenanthrene	1.77 ug/kg	2.50 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
Fluoranthene	1.80 ug/kg	4.00 ug/kg	5.00 ug/kg		40	52 - 120	40	52 - 120	40
Dibenzothiophene	1.31 ug/kg	2.50 ug/kg	5.00 ug/kg						
Pyrene	1.85 ug/kg	4.00 ug/kg	5.00 ug/kg		40	47 - 120	40	47 - 120	40
Benzo(a)anthracene	2.63 ug/kg	5.00 ug/kg	5.00 ug/kg		40	47 - 120	40	47 - 120	40
Chrysene	3.48 ug/kg	5.00 ug/kg	5.00 ug/kg		40	51 - 120	40	51 - 120	40
Benzofluoranthenes, Total			5.00 ug/kg						
Benzo(e)pyrene	2.93 ug/kg	5.00 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
Benzo(a)pyrene	2.82 ug/kg	5.00 ug/kg	5.00 ug/kg		40	44 - 120	40	44 - 120	40
Indeno(1,2,3-cd)pyrene	2.94 ug/kg	5.00 ug/kg	5.00 ug/kg		40	41 - 120	40	41 - 120	40



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
Dibenzo(a,h)anthracene	3.94 ug/kg	5.00 ug/kg	5.00 ug/kg		40	42 - 120	40	42 - 120	40
Benzo(g,h,i)perylene	2.88 ug/kg	5.00 ug/kg	5.00 ug/kg		40	37 - 120	40	37 - 120	40
Perylene	2.66 ug/kg	5.00 ug/kg	5.00 ug/kg		40	30 - 160	40	30 - 160	40
C1-Decalins			10.0 ug/kg						
C2-Decalins			10.0 ug/kg						
C3-Decalins			10.0 ug/kg						
C4-Decalins			10.0 ug/kg						
C1-Naphthalenes			10.0 ug/kg						
C2-Naphthalenes			10.0 ug/kg						
C3-Naphthalenes			10.0 ug/kg						
C4-Naphthalenes			10.0 ug/kg						
C1-Fluorenes			10.0 ug/kg						
C2-Fluorenes			10.0 ug/kg						
C3-Fluorenes			10.0 ug/kg						
C1-Dibenzothiophenes			10.0 ug/kg						
C2-Dibenzothiophenes			10.0 ug/kg						
C3-Dibenzothiophenes			10.0 ug/kg						
C4-Dibenzothiophenes			10.0 ug/kg						
C1-Phenanthrenes/Anthracenes			10.0 ug/kg						
C2-Phenanthrenes/Anthracenes			10.0 ug/kg						
C3-Phenanthrenes/Anthracenes			10.0 ug/kg						
C4-Phenanthrenes/Anthracenes			10.0 ug/kg						
C1-Fluoranthenes/Pyrenes			10.0 ug/kg						
C2-Fluoranthenes/Pyrenes			10.0 ug/kg						
C3-Fluoranthenes/Pyrenes			10.0 ug/kg						
C4-Fluoranthenes/Pyrenes			10.0 ug/kg						
C1-Benzo(a)anthracenes/Chrysenes			10.0 ug/kg						
C2-Benzo(a)anthracenes/Chrysenes			10.0 ug/kg						



Analytical Method Information

Analyte	DL	LOD	LOQ / RL	Surrogate %R	Duplicate RPD	Matrix Spike %R	RPD	Blank Spike / LCS %R	RPD
C3-Benzo(a)anthracenes/Chrysenes			10.0 ug/kg						
C4-Benzo(a)anthracenes/Chrysenes			10.0 ug/kg						
C1-Benzothiophenes			10.0 ug/kg						
C2-Benzothiophenes			10.0 ug/kg						
C3-Benzothiophenes			10.0 ug/kg						
C1-Naphthobenzothiophenes			10.0 ug/kg						
C2-Naphthobenzothiophenes			10.0 ug/kg						
C3-Naphthobenzothiophenes			10.0 ug/kg						
C4-Naphthobenzothiophenes			10.0 ug/kg						
C1-Dibenzo(a)anthracenes			10.0 ug/kg						
C2-Dibenzo(a)anthracenes			10.0 ug/kg						
C3-Dibenzo(a)anthracenes			10.0 ug/kg						
surr: Naphthalene-d8				30 - 160					
surr: Acenaphthene-d10				30 - 160					
surr: Phenanthrene-d10				30 - 160					
surr: Chrysene-d12				30 - 160					
surr: Perylene-d12				30 - 160					
Fluorene-d10									
Anthracene-d10									
Benzo(e)pyrene-d12									