

Arthur D. Little, Inc.

Environmental Monitoring and Analysis

Minerals Management Service - Shelikof Strait and Outermost Cook Inlet

1997 Final Data (Surrogate Corrected) - DUP - PAH

Field ID	97-2-01-01-00-PHC-S	97-2-01-01-00-PHC-S		
Lab ID	97C1420	97C1420DUP		
SDG	SDGS003	SDGS003		
File	DZ0065.D	DZ0068.D		
Sample Type	N	DUP		
Matrix	Sediment	Sediment		
Sample Size	25.6 NA	25.3 NA		
Weight Basis	DRY	DRY		
Associated Blank	BK-S-91PB	BK-S-91PB		
Field Date	7/12/1997	7/12/1997		
Extract Date	7/24/1997	7/24/1997		
Analysis Date	8/9/1997	8/9/1997		
Min Reporting Limit	0.00049	0.00049		
Units	ug/g	ug/g	RPD	Q

PAH				
Naphthalene	0.0068	0.0064	6.1	
C1-Naphthalenes	0.015	0.014	6.9	
C2-Naphthalenes	0.026	0.026	0	
C3-Naphthalenes	0.025	0.026	3.9	
C4-Naphthalenes	0.016	0.013	21	
Acenaphthylene	0.0001 J	0.00019 J	62	
Acenaphthene	0.0006	0.00065	8	
Biphenyl	0.005	0.0043	15	
Fluorene	0.0032	0.0032	0	
C1-Fluorenes	0.0054	0.0052	3.8	
C2-Fluorenes	0.0069	0.0072	4.2	
C3-Fluorenes	0.0081	0.0096	17	
Anthracene	0.00044 J	0.00041 J	7	
Phenanthrene	0.012	0.012	0	
C1-Phenanthrenes/anthracenes	0.017	0.017	0	
C2-Phenanthrenes/anthracenes	0.014	0.015	6.9	
C3-Phenanthrenes/anthracenes	0.0083	0.0093	11	
C4-Phenanthrenes/anthracenes	0.0069	0.0081	16	
Dibenzothiophene	0.0015	0.0016	6.4	
C1-Dibenzothiophenes	0.0021	0.0022	4.6	
C2-Dibenzothiophenes	0.0023	0.0024	4.2	
C3-Dibenzothiophenes	0.0016	0.0018	12	
Fluoranthene	0.0023	0.0026	12	
Pyrene	0.0026	0.0027	3.8	
C1-Fluoranthenes/pyrenes	0.0057	0.006	5.1	
C2-Fluoranthenes/pyrenes	0.0062	0.0067	7.8	
C3-Fluoranthenes/pyrenes	0.0054	0.0059	8.8	
Benzo[a]anthracene	0.00091	0.00096	5.3	
Chrysene	0.0028	0.0026	7.4	
C1-Chrysenes	0.004	0.0037	7.8	
C2-Chrysenes	0.0048	0.0044	8.7	
C3-Chrysenes	0.0031	0.0027	14	
C4-Chrysenes	0.0019	0.0015	24	
Benzo[b]fluoranthene	0.0017	0.0018	5.7	
Benzo[k]fluoranthene	0.00021 J	0.00025 J	17	
Benzo[e]pyrene	0.0016	0.0016	0	
Benzo[a]pyrene	0.00051	0.0005	2	
Perylene	0.0064	0.0057	12	
Indeno[1,2,3,-c,d]pyrene	0.0004 J	0.00044 J	9.5	
Dibenzo[a,h]anthracene	0.00029 J	0.00032 J	9.8	
Benzo[g,h,i]perylene	0.0017	0.0017	0	

Total PAH	0.24	0.24
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d8-Naphthalene	104	104
d10-Acenaphthene	95	96
d10-Phenanthrene	97	98
d12-Benzo[a]pyrene	88	85