

Arthur D. Little, Inc.

Environmental Monitoring and Analysis

Minerals Management Service - Shelikof Strait and Outermost Cook Inlet

1997 Final Data (Surrogate Corrected) - Field QC samples - PAH

Field ID	98-1-19-01-00-PHC- EB	98-2-14A-01-00-PHC- EB	98-2-14A-01-00-PHC- FB	98-2-23-01-00-PHC- EB
Lab ID	98D2231	98D2232	98D2193	98D2233
SDG	SDGW001	SDGW001	SDGW001	SDGW001
File	DY0859.D	DY0860.D	DY0858.D	DY0861.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	EQUIPMENT BLANK	EQUIPMENT BLANK	FIELD BLANK	EQUIPMENT BLANK
Sample Size	0.36 L	0.155 L	1 NA	0.45 L
Weight Basis	VOLUME	VOLUME	DRY	VOLUME
Associated Blank	BX-S-18PB	BX-S-18PB	BX-S-18PB	BX-S-18PB
Field Date	7/2/1998	7/1/1998	7/1/1998	7/1/1998
Extract Date	10/19/1998	10/19/1998	10/19/1998	10/19/1998
Analysis Date	10/27/1998	10/27/1998	10/27/1998	10/27/1998
Min Reporting Limit	69	160	25	56
Units	ng/L	ng/L	ng	ng/L
PAH				
Naphthalene	71	68 J	ND	79
C1-Naphthalenes	ND	ND	ND	ND
C2-Naphthalenes	ND	ND	ND	ND
C3-Naphthalenes	ND	ND	ND	ND
C4-Naphthalenes	ND	ND	ND	ND
Acenaphthylene	ND	ND	ND	ND
Acenaphthene	ND	ND	ND	ND
Biphenyl	ND	ND	ND	ND
Fluorene	ND	ND	ND	ND
C1-Fluorenes	ND	ND	ND	ND
C2-Fluorenes	ND	ND	ND	ND
C3-Fluorenes	ND	ND	ND	ND
Anthracene	ND	ND	ND	ND
Phenanthrene	12 J	35 J	ND	17 J
C1-Phenanthrenes/anthracenes	ND	ND	ND	ND
C2-Phenanthrenes/anthracenes	ND	ND	ND	ND
C3-Phenanthrenes/anthracenes	ND	ND	ND	ND
C4-Phenanthrenes/anthracenes	ND	ND	ND	ND
Dibenzothiophene	11 J	36 J	2.5 J	8.9 J
C1-Dibenzothiophenes	ND	ND	ND	ND
C2-Dibenzothiophenes	ND	ND	ND	ND
C3-Dibenzothiophenes	ND	ND	ND	ND
Fluoranthene	ND	ND	ND	9.4 J
Pyrene	ND	ND	ND	5.4 J
C1-Fluoranthenes/pyrenes	ND	ND	ND	ND
C2-Fluoranthenes/pyrenes	ND	ND	ND	ND
C3-Fluoranthenes/pyrenes	ND	ND	ND	ND
Benzo[a]anthracene	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND
C1-Chrysenes	ND	ND	ND	ND
C2-Chrysenes	ND	ND	ND	ND
C3-Chrysenes	ND	ND	ND	ND
C4-Chrysenes	ND	ND	ND	ND
Benzo[b]fluoranthene	ND	ND	ND	ND
Benzo[k]fluoranthene	ND	ND	ND	ND
Benzo[e]pyrene	ND	ND	ND	ND
Benzo[a]pyrene	ND	ND	ND	ND
Perylene	ND	ND	ND	ND
Indeno[1,2,3,-c,d]pyrene	ND	ND	ND	ND
Dibenzo[a,h]anthracene	ND	ND	ND	ND
Benzo[g,h,i]perylene	ND	ND	ND	ND
Total PAH	94	140	2.5	120
d8-Naphthalene	84	54	102	85
d10-Acenaphthene	85	52	97	84
d10-Phenanthrene	98	63	104	95
d12-Benzo[a]pyrene	93	40 &	99	99

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1997 Final Data (Surrogate Corrected) - Field QC samples - PAH

Field ID	98-2-23-01-00-PHC-FB
Lab ID	98D2100
SDG	SDGW001
File	DY0857.D
Sample Type	SAMP
Matrix	FIELD BLANK
Sample Size	1 NA
Weight Basis	DRY
Associated Blank	BX-S-18PB
Field Date	7/1/1998
Extract Date	10/19/1998
Analysis Date	10/27/1998
Min Reporting Limit	25
Units	ng

PAH	
Naphthalene	ND
C1-Naphthalenes	ND
C2-Naphthalenes	ND
C3-Naphthalenes	ND
C4-Naphthalenes	ND
Acenaphthylene	ND
Acenaphthene	ND
Biphenyl	ND
Fluorene	ND
C1-Fluorenes	ND
C2-Fluorenes	ND
C3-Fluorenes	ND
Anthracene	ND
Phenanthrene	ND
C1-Phenanthrenes/anthracenes	ND
C2-Phenanthrenes/anthracenes	ND
C3-Phenanthrenes/anthracenes	ND
C4-Phenanthrenes/anthracenes	ND
Dibenzothiophene	3.8 J
C1-Dibenzothiophenes	ND
C2-Dibenzothiophenes	ND
C3-Dibenzothiophenes	ND
Fluoranthene	ND
Pyrene	ND
C1-Fluoranthenes/pyrenes	ND
C2-Fluoranthenes/pyrenes	ND
C3-Fluoranthenes/pyrenes	ND
Benzo[a]anthracene	ND
Chrysene	ND
C1-Chrysenes	ND
C2-Chrysenes	ND
C3-Chrysenes	ND
C4-Chrysenes	ND
Benzo[b]fluoranthene	ND
Benzo[k]fluoranthene	ND
Benzo[e]pyrene	ND
Benzo[a]pyrene	ND
Perylene	ND
Indeno[1,2,3,-c,d]pyrene	ND
Dibenzo[a,h]anthracene	ND
Benzo[g,h,i]perylene	ND

Total PAH 3.8

d8-Naphthalene	93
d10-Acenaphthene	91
d10-Phenanthrene	100
d12-Benzo[a]pyrene	104