

Project Title : MMS - AMINIDA - PHASE II
Data Package: 4000
Data Table: Main - Surrogate Corrected

Field ID	01-3A-02-2-PHC-SC	01-3A-02-4-PHC-SC	01-3A-02-6-PHC-SC	01-3A-02-10-PHC-SC
Lab ID	21A1901	21A1902	21A1903	21A1905
Lab Batch	B2140	B2140	B2140	B2140
SDG	ICF3998	ICF3998	ICF3998	ICF3998
File	S5473.D	S5474.D	S5475.D	S5476.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	21.91 g	22.78 g	23.48 g	24.45 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-31PB	DW-S-31PB	DW-S-31PB	DW-S-31PB
Field Date	08/03/01	08/03/01	08/03/01	08/03/01
Extract Date	07/18/02	07/18/02	07/18/02	07/18/02
Analysis Date	07/26/02	07/26/02	07/26/02	07/26/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	72.9	75.9	78.2	81.5
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.57	0.55	0.53	0.51
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocarbons				
Naphthalene	6.1	5.9	6.3	4.8
C1-Naphthalenes	14	15	16	12
C2-Naphthalenes	28	28	28	22
C3-Naphthalenes	23	24	22	20
C4-Naphthalenes	14	13	13	12
Acenaphthylene	0.045 JB	0.043 JB	0.039 JB	0.034 JB
Acenaphthene	0.78	0.81	0.84	0.69
Biphenyl	4.6	4.7	4.8	3.6
Fluorene	3.4	3.4	3.5	2.8
C1-Fluorenes	6	6.3	6.1	5.6
C2-Fluorenes	8.3	8.7	8.4	7.9
C3-Fluorenes	8	8.1	8.2	7.3
Anthracene	0.64	0.66	0.66	0.5 J
Phenanthrene	17	17	17	14
C1-Phenanthrenes/anthracenes	28	28	27	24
C2-Phenanthrenes/anthracenes	24	25	24	21
C3-Phenanthrenes/anthracenes	16	16	16	14
C4-Phenanthrenes/anthracenes	13	14	14	11
Dibenzothiophene	2.5	2.7	2.8	2.2
C1-Dibenzothiophenes	5.6	5.2	5.9	4.8
C2-Dibenzothiophenes	7.1	7.4	7.2	6.3
C3-Dibenzothiophenes	5.4	5.5	5.4	4.4
Fluoranthene	3.3	3.4	3.3	3.2
Pyrene	4.5	4.7	4.6	4
C1-Fluoranthenes/pyrenes	12	13	13	12
C2-Fluoranthenes/pyrenes	12	13	12	10
C3-Fluoranthenes/pyrenes	8.4	9	8.8	7.4
Benzo[a]anthracene	1.5	1.4	1.4	1.3
Chrysene	9	9.6	8.9	7.8
C1-Chrysenes	10	10	9.8	8.9
C2-Chrysenes	10	10	9.9	8.9
C3-Chrysenes	5.4	5.3	4.3	4.9
C4-Chrysenes	4.3	3.9	4	3.7
Benzo[b]fluoranthene	5.4	5.4	5.2	4.6
Benzo[k]fluoranthene	0.42 J	0.4 J	0.41 J	0.49 J
Benzo[e]pyrene	7.1	7.2	6.6	5.7
Benzo[a]pyrene	1.5	1.4	1.3	1.2
Perylene	44	44	42	40
Indeno[1,2,3-c,d]pyrene	1.1	1.2	1	0.86
Dibenzo[a,h]anthracene	0.67	0.75	0.7	0.61
Benzo[g,h,i]perylene	5.1	5	4.5	3.9
d8-Naphthalene	50	52	58	51
d10-Acenaphthene	72	77	74	71
d10-Phenanthrene	86	91	87	90
d12-Benzo[a]pyrene	80	88	86	89

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Field ID	01-3A-02-16-PHC-SC	01-3A-02-20-PHC-SC	01-6A-01-2-PHC-SC	01-6A-01-4-PHC-SC
Lab ID	21A1908	21A1910	21A1992	21A1993
Lab Batch	B2140	B2140	B2140	B2140
SDG	ICF3998	ICF3998	ICF3998	ICF3998
File	S5477.D	S5478.D	S5483.D	S5484.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	23.81 g	23.45 g	20.49 g	21.73 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-31PB	DW-S-31PB	DW-S-31PB	DW-S-31PB
Field Date	08/03/01	08/03/01	07/30/01	07/30/01
Extract Date	07/18/02	07/18/02	07/18/02	07/18/02
Analysis Date	07/26/02	07/26/02	07/26/02	07/26/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	79.3	78	68.3	72.3
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.52	0.53	0.61	0.58
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	5.6	5.1	19	15
C1-Naphthalenes	14	11	39	36
C2-Naphthalenes	29	27	79	64
C3-Naphthalenes	25	26	63	49
C4-Naphthalenes	14	15	43	35
Acenaphthylene	0.045 JB	0.036 JB	0.051 JB	0.05 JB
Acenaphthene	0.81	0.82	1.9	1.4
Biphenyl	4.1	3.9	8.2	6.4
Fluorene	3.6	3.7	7.3	4.9
C1-Fluorenes	7.1	7.6	15	9.5
C2-Fluorenes	10	10	21	15
C3-Fluorenes	9.1	9.8	20	15
Anthracene	0.66	0.65	1.5	1.2
Phenanthrene	18	17	38	28
C1-Phenanthrenes/anthracenes	30	30	61	47
C2-Phenanthrenes/anthracenes	26	26	54	41
C3-Phenanthrenes/anthracenes	18	17	43	35
C4-Phenanthrenes/anthracenes	15	14	19	16
Dibenzothiophene	2.6	2.5	5.8	4.4
C1-Dibenzothiophenes	6.2	6	18	14
C2-Dibenzothiophenes	7.2	6.9	18	15
C3-Dibenzothiophenes	5.3	4.9	13	11
Fluoranthene	4	3.5	11	8.8
Pyrene	5.1	4.9	12	9.8
C1-Fluoranthenes/pyrenes	14	14	38	31
C2-Fluoranthenes/pyrenes	14	14	31	24
C3-Fluoranthenes/pyrenes	9.5	9.9	19	14
Benzo[a]anthracene	1.4	1.2	3.7	3.8
Chrysene	9.7	9.9	19	14
C1-Chrysenes	11	11	22	16
C2-Chrysenes	11	11	20	16
C3-Chrysenes	6.3	5.3	14	11
C4-Chrysenes	5.1	4.8	9.3	6.1
Benzo[b]fluoranthene	5.6	5.4	13	11
Benzo[k]fluoranthene	0.52	0.48 J	2	1.7
Benzo[e]pyrene	7.2	7.2	12	9.4
Benzo[a]pyrene	1.4	1.3	5.5	4.8
Perylene	48	50	100	87
Indeno[1,2,3-c,d]pyrene	1.1	1	2.9	2.5
Dibenzo[a,h]anthracene	0.76	0.77	1.4	1.1
Benzo[g,h,i]perylene	4.8	4.8	8.4	6.3
d8-Naphthalene	47	41	39	59
d10-Acenaphthene	70	71	72	78
d10-Phenanthrene	87	94	88	93
d12-Benzo[a]pyrene	85	90	90	92

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Field ID	01-6A-01-6-PHC-SC	01-6A-01-10-PHC-SC	01-6A-01-14-PHC-SC	01-6A-01-18-PHC-SC
Lab ID	21A1994	21A1996	21A1998	21A2000
Lab Batch	B2140	B2140	B2140	B2140
SDG	ICF3998	ICF3998	ICF3998	ICF3998
File	S5485.D	S5486.D	S5487.D	S5488.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	22.64 g	23.57 g	24.87 g	23.91 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-31PB	DW-S-31PB	DW-S-31PB	DW-S-31PB
Field Date	07/30/01	07/30/01	07/30/01	07/30/01
Extract Date	07/18/02	07/18/02	07/18/02	07/18/02
Analysis Date	07/26/02	07/26/02	07/26/02	07/26/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	75.4	78.5	82.9	79.6
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.55	0.53	0.5	0.52
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	10	12	6.4	6.2
C1-Naphthalenes	26	28	16	15
C2-Naphthalenes	46	54	31	28
C3-Naphthalenes	36	43	24	24
C4-Naphthalenes	25	28	17	14
Acenaphthylene	0.041 JB	0.044 JB	0.11 J	0.25 J
Acenaphthene	1.2	1.2	0.69	0.78
Biphenyl	5.8	6.5	3.5	3.7
Fluorene	4.7	5.7	3.2	3.2
C1-Fluorenes	8.7	11	6.5	6.2
C2-Fluorenes	12	16	9.7	9.4
C3-Fluorenes	12	16	9.4	9.3
Anthracene	0.87	1.1	0.65	0.62
Phenanthrene	23	26	16	17
C1-Phenanthrenes/anthracenes	38	44	27	28
C2-Phenanthrenes/anthracenes	36	40	24	25
C3-Phenanthrenes/anthracenes	26	28	17	18
C4-Phenanthrenes/anthracenes	12	13	18	18
Dibenzothiophene	3.8	5	2.9	2.7
C1-Dibenzothiophenes	13	14	7.2	7
C2-Dibenzothiophenes	16	15	9.5	9.7
C3-Dibenzothiophenes	11	11	6.6	7.3
Fluoranthene	5.5	6.9	4.4	4.7
Pyrene	6.6	8.2	5.2	5.2
C1-Fluoranthenes/pyrenes	21	25	16	16
C2-Fluoranthenes/pyrenes	18	24	14	14
C3-Fluoranthenes/pyrenes	12	15	9.4	9.5
Benzo[a]anthracene	2	2.3	1.5	1.7
Chrysene	13	14	9	9.6
C1-Chrysenes	13	16	9.6	10
C2-Chrysenes	13	15	9.4	11
C3-Chrysenes	9.4	10	6.4	6.8
C4-Chrysenes	5.1	7.5	4.9	5.2
Benzo[b]fluoranthene	7.9	11	6.4	6.1
Benzo[k]fluoranthene	0.59	1.1	0.77	0.67
Benzo[e]pyrene	8.6	11	6.9	6.8
Benzo[a]pyrene	2.7	3.4	1.9	1.9
Perylene	68	78	50	56
Indeno[1,2,3-c,d]pyrene	1.8	2.2	1.3	1.4
Dibenzo[a,h]anthracene	0.95	1	0.73	0.76
Benzo[g,h,i]perylene	5.9	7.6	4.8	4.7
d8-Naphthalene	56	48	51	50
d10-Acenaphthene	72	75	69	68
d10-Phenanthrene	88	95	89	88
d12-Benzo[a]pyrene	87	93	87	88

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Field ID	01-6G-01-2-PHC-SC	01-6G-01-4-PHC-SC	01-6G-01-6-PHC-SC	01-6G-01-8-PHC-SC
Lab ID	21A1935	21A1936 REF	21A1937	21A1938
Lab Batch	B2103	B2103	B2103	B2103
SDG	ICF3952	ICF3952	ICF3952	ICF3952
File	W0639.D	S5031.D	W0641.D	W0642.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	17.89 g	21.15 g	21.77 g	21.75 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-65PB	DU-S-65PB	DU-S-65PB	DU-S-65PB
Field Date	07/30/01	07/30/01	07/30/01	07/30/01
Extract Date	05/14/02	05/14/02	05/14/02	05/14/02
Analysis Date	06/02/02	06/08/02	06/02/02	06/02/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	59.6	70.3	72.4	72.4
Dilution Factor	5	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.7	0.59	0.57	0.57
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar

Naphthalene	44	14	12	10
C1-Naphthalenes	99	34	27	23
C2-Naphthalenes	160	62	43	37
C3-Naphthalenes	110	62	31	27
C4-Naphthalenes	78	37	18	16
Acenaphthylene	0.086 J	ND	0.048 J	0.051 J
Acenaphthene	4	1.3	1.1	0.89
Biphenyl	19	6.9	5.9	5
Fluorene	16	5	4	3.5
C1-Fluorenes	29	9.3	7.6	6.3
C2-Fluorenes	42	14	11	9.4
C3-Fluorenes	42	15	12	10
Anthracene	2.3	0.8	0.71	0.62
Phenanthrene	82	31	25	22
C1-Phenanthrenes/anthracenes	130	52	40	36
C2-Phenanthrenes/anthracenes	110	48	35	32
C3-Phenanthrenes/anthracenes	87	32	26	24
C4-Phenanthrenes/anthracenes	42	17	15	12
Dibenzothiophene	12	5	3.4	3
C1-Dibenzothiophenes	27	18	10	9.5
C2-Dibenzothiophenes	35	18	11	11
C3-Dibenzothiophenes	26	13	8.9	8.1
Fluoranthene	23	11	8.5	7.6
Pyrene	28	12	9.2	8.4
C1-Fluoranthenes/pyrenes	84	33	26	22
C2-Fluoranthenes/pyrenes	76	28	24	21
C3-Fluoranthenes/pyrenes	45	19	15	13
Benzo[a]anthracene	8.2	3.4	2.5	2.1
Chrysene	39	16	13	11
C1-Chrysenes	41	17	14	12
C2-Chrysenes	43	15	14	13
C3-Chrysenes	22	9.7	8.6	7.6
C4-Chrysenes	16	8.4	5.5	3.9
Benzo[b]fluoranthene	32	13	10	9
Benzo[k]fluoranthene	3.4	2.2	0.97	0.93
Benzo[e]pyrene	28	13	9.5	8.4
Benzo[a]pyrene	12	4.6	3.3	2.9
Perylene	260 D	120	97	90
Indeno[1,2,3-c,d]pyrene	7.4	1.9	2.4	2.1
Dibenzo[a,h]anthracene	3.4	1.1	1.2	1
Benzo[g,h,i]perylene	20	7.8	6.7	5.8
d8-Naphthalene	40	47	47	49
d10-Acenaphthene	57	74	69	66
d10-Phenanthrene	73	83	80	77
d12-Benzo[a]pyrene	79	67	87	81

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Field ID	01-6G-01-10-PHC-SC	01-6G-01-12-PHC-SC	01-6G-01-14-PHC-SC	01-6G-01-16-PHC-SC
Lab ID	21A1939	21A1940	21A1941	21A1942
Lab Batch	B2103	B2103	B2103	B2103
SDG	ICF3952	ICF3952	ICF3952	ICF3952
File	W0643.D	W0644.D	W0645.D	W0648.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	21.36 g	21.24 g	21.88 g	21.55 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-65PB	DU-S-65PB	DU-S-65PB	DU-S-65PB
Field Date	07/30/01	07/30/01	07/30/01	07/30/01
Extract Date	05/14/02	05/14/02	05/14/02	05/14/02
Analysis Date	06/02/02	06/02/02	06/02/02	06/02/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	71.1	70.7	72.7	71.8
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.58	0.59	0.57	0.58
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	10	12	16	14
C1-Naphthalenes	22	31	28	30
C2-Naphthalenes	39	49	44	50
C3-Naphthalenes	30	35	31	36
C4-Naphthalenes	17	19	20	24
Acenaphthylene	0.067 J	0.055 J	0.071 J	0.036 J
Acenaphthene	0.93	1.1	0.98	1.1
Biphenyl	4.9	6.6	5.6	5.8
Fluorene	3.7	4.5	3.8	4.1
C1-Fluorenes	7	8	7	7.9
C2-Fluorenes	11	12	10	12
C3-Fluorenes	12	13	11	13
Anthracene	0.61	0.75	0.76	0.83
Phenanthrene	23	28	25	29
C1-Phenanthrenes/anthracenes	38	45	41	46
C2-Phenanthrenes/anthracenes	34	39	36	40
C3-Phenanthrenes/anthracenes	25	29	28	32
C4-Phenanthrenes/anthracenes	15	14	15	19
Dibenzothiophene	3.1	3.8	3.2	3.7
C1-Dibenzothiophenes	9.8	11	9.8	11
C2-Dibenzothiophenes	11	13	12	13
C3-Dibenzothiophenes	9.1	9.8	9.4	10
Fluoranthene	8.1	8.7	7.9	9.8
Pyrene	9.4	10	9.4	11
C1-Fluoranthenes/pyrenes	24	27	24	29
C2-Fluoranthenes/pyrenes	24	26	24	27
C3-Fluoranthenes/pyrenes	13	15	14	15
Benzo[a]anthracene	2.4	3.2	2.6	3.5
Chrysene	12	13	12	14
C1-Chrysenes	14	15	13	16
C2-Chrysenes	14	16	14	16
C3-Chrysenes	8.5	9.3	7.4	9.1
C4-Chrysenes	4.4	5.8	5.2	6.5
Benzo[b]fluoranthene	10	11	10	13
Benzo[k]fluoranthene	1.2	1.1	1	1.5
Benzo[e]pyrene	9.3	10	9.6	11
Benzo[a]pyrene	3.3	3.5	3.1	4.3
Perylene	92	98	91	110
Indeno[1,2,3-c,d]pyrene	2.4	2.4	2.3	3
Dibenzo[a,h]anthracene	1.2	1.3	1.2	1.4
Benzo[g,h,i]perylene	6.6	7.1	6.3	7.6
d8-Naphthalene	40	57	48	43
d10-Acenaphthene	65	68	64	66
d10-Phenanthrene	81	77	74	77
d12-Benzo[a]pyrene	86	81	73	80

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Field ID	01-6G-01-18-PHC-SC	01-6G-01-20-PHC-SC	01-E01-01-2-PHC-SC	01-E01-01-4-PHC-SC
Lab ID	21A1943	21A1944	21A1883	21A1884
Lab Batch	B2103	B2103	B2102	B2102
SDG	ICF3952	ICF3952	ICF3949	ICF3949
File	W0649.D	W0650.D	W0582.D	W0583.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	20.94 g	21.06 g	19.63 g	22.4 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-65PB	DU-S-65PB	DU-S-62PB	DU-S-62PB
Field Date	07/30/01	07/30/01	08/04/01	08/04/01
Extract Date	05/14/02	05/14/02	05/10/02	05/10/02
Analysis Date	06/02/02	06/02/02	05/29/02	05/29/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	69.8	70	65.3	74.6
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.6	0.59	0.64	0.56
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	16	13	8.9	5.5
C1-Naphthalenes	37	25	22	13
C2-Naphthalenes	58	40	40	24
C3-Naphthalenes	41	28	34	21
C4-Naphthalenes	25	18	18	14
Acenaphthylene	0.06 J	0.059 J	0.096 J	0.044 JB
Acenaphthene	1.1	0.79	1	0.63
Biphenyl	6.5	4.3	6.9	4.4
Fluorene	4.2	3	4.8	3
C1-Fluorenes	8.3	5.2	7.6	4.9
C2-Fluorenes	12	8.3	11	6.9
C3-Fluorenes	13	9	11	7.4
Anthracene	1	0.65	0.52 J	0.3 J
Phenanthrene	31	21	26	16
C1-Phenanthrenes/anthracenes	51	34	43	27
C2-Phenanthrenes/anthracenes	45	31	38	26
C3-Phenanthrenes/anthracenes	36	24	26	16
C4-Phenanthrenes/anthracenes	18	14	26	17
Dibenzothiophene	4.5	2.6	3.9	2.4
C1-Dibenzothiophenes	12	9.2	13	9.1
C2-Dibenzothiophenes	15	10	17	11
C3-Dibenzothiophenes	12	7.3	12	7.7
Fluoranthene	14	7.5	5.6	3.4
Pyrene	15	8.6	6.5	4.2
C1-Fluoranthenes/pyrenes	33	22	19	11
C2-Fluoranthenes/pyrenes	32	20	19	11
C3-Fluoranthenes/pyrenes	19	11	13	7.5
Benzo[a]anthracene	4.3	2.5	1.8	1.1
Chrysene	17	11	12	7.1
C1-Chrysenes	18	12	13	7.7
C2-Chrysenes	21	13	14	8.2
C3-Chrysenes	8.2	6.9	7.2	3.8
C4-Chrysenes	5.7	4.1	5.1	3
Benzo[b]fluoranthene	14	9	7.4	4.3
Benzo[k]fluoranthene	1.3	0.88	0.8	0.52 J
Benzo[e]pyrene	12	7.7	8	4.6
Benzo[a]pyrene	4.8	3.1	2.2	1.3
Perylene	120	79	76	45
Indeno[1,2,3-c,d]pyrene	3.3	2.2	1.7	0.99
Dibenzo[a,h]anthracene	1.5	1	1	0.58
Benzo[g,h,i]perylene	8.3	5.5	5.4	2.9
d8-Naphthalene	39	45	52	49
d10-Acenaphthene	46	60	69	63
d10-Phenanthrene	54	69	79	79
d12-Benzo[a]pyrene	58	73	82	83

Project Title : MMS - AMINIDA - PHASE II
Data Package: 4000
Data Table: Main - Surrogate Corrected

Field ID	01-E01-01-6-PHC-SC	01-E01-01-8-PHC-SC	01-E01-01-10-PHC-SC	01-E01-01-12-PHC-SC
Lab ID	21A1885	21A1886	21A1887	21A1888
Lab Batch	B2102	B2102	B2102	B2102
SDG	ICF3949	ICF3949	ICF3949	ICF3949
File	W0584.D	W0585.D	W0586.D	W0587.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	22.93 g	24.52 g	22.89 g	24.73 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-62PB	DU-S-62PB	DU-S-62PB	DU-S-62PB
Field Date	08/04/01	08/04/01	08/04/01	08/04/01
Extract Date	05/10/02	05/10/02	05/10/02	05/10/02
Analysis Date	05/29/02	05/29/02	05/29/02	05/29/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	76.3	81.5	76.2	82.2
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.54	0.51	0.55	0.5
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar

Naphthalene	4.7	3.6	4.3	4.1
C1-Naphthalenes	11	9	9.6	9.2
C2-Naphthalenes	20	15	19	16
C3-Naphthalenes	17	12	17	14
C4-Naphthalenes	10	7	9.6	8.6
Acenaphthylene	0.053 JB	0.046 JB	0.049 JB	0.042 JB
Acenaphthene	0.61	0.6	0.79	0.61
Biphenyl	3.6	2.9	3.8	3.3
Fluorene	2.8	2.5	3.4	2.6
C1-Fluorenes	4.2	3.5	5	4.2
C2-Fluorenes	5.6	4.9	7.1	5.9
C3-Fluorenes	6.4	4.9	7.4	6.3
Anthracene	0.28 J	0.35 J	0.35 J	0.33 J
Phenanthrene	14	11	14	12
C1-Phenanthrenes/anthracenes	23	17	23	19
C2-Phenanthrenes/anthracenes	21	17	20	18
C3-Phenanthrenes/anthracenes	14	11	14	13
C4-Phenanthrenes/anthracenes	14	9.7	14	13
Dibenzothiophene	2.1	1.7	2.3	1.8
C1-Dibenzothiophenes	7.9	4.9	5.8	4.4
C2-Dibenzothiophenes	8.5	6.4	8.7	7.2
C3-Dibenzothiophenes	6	4.6	6.7	5.6
Fluoranthene	3.2	2.8	3.6	3.2
Pyrene	3.7	3.2	4.2	4
C1-Fluoranthenes/pyrenes	10	8.6	12	11
C2-Fluoranthenes/pyrenes	10	8.6	12	11
C3-Fluoranthenes/pyrenes	6.5	5.6	7.7	7
Benzo[a]anthracene	0.99	0.79	1	1
Chrysene	6.5	5.3	6.5	6.1
C1-Chrysenes	7.1	5.6	7.6	7
C2-Chrysenes	7.2	6.1	8.1	7.4
C3-Chrysenes	3.5	2.7	3.6	3.2
C4-Chrysenes	2.2	1.7	2.4	1.9
Benzo[b]fluoranthene	3.8	3.2	4.6	4.4
Benzo[k]fluoranthene	0.39 J	0.32 J	0.48 J	0.54
Benzo[e]pyrene	4.1	3.5	4.6	4.4
Benzo[a]pyrene	1.2	0.98	1.5	1.4
Perylene	59	72	120	100
Indeno[1,2,3-c,d]pyrene	0.83	0.68	0.98	1
Dibenzo[a,h]anthracene	0.44 J	0.44 J	0.64	0.63
Benzo[g,h,i]perylene	2.6	2.3	3.2	3.1
d8-Naphthalene	52	60	42	50
d10-Acenaphthene	64	66	60	60
d10-Phenanthrene	78	80	76	74
d12-Benzo[a]pyrene	84	86	81	80

Project Title : MMS - AMINIDA - PHASE II

Data Package: 4000

Data Table: Main - Surrogate Corrected

Field ID	01-L02-01-2-PHC-SC	01-L02-01-4-PHC-SC	01-L02-01-6-PHC-SC	01-L02-01-12-PHC-SC
Lab ID	21A1889	21A1890	21A1891	21A1894
Lab Batch	B2141	B2141	B2141	B2141
SDG	ICF4000	ICF4000	ICF4000	ICF4000
File	S5505.D	S5506.D	S5507.D	S5508.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	22.56 g	23.07 g	21.42 g	22.38 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-34PB	DW-S-34PB	DW-S-34PB	DW-S-34PB
Field Date	08/03/01	08/03/01	08/03/01	08/03/01
Extract Date	07/22/02	07/22/02	07/22/02	07/22/02
Analysis Date	07/28/02	07/28/02	07/28/02	07/28/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	75.1	76.7	71.4	74.6
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.55	0.54	0.58	0.56
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	4.3	4.5	6.3	5.3
C1-Naphthalenes	10	11	15	14
C2-Naphthalenes	19	20	30	25
C3-Naphthalenes	20	22	33	26
C4-Naphthalenes	12	12	20	17
Acenaphthylene	0.062 JB	0.069 JB	0.078 JB	0.063 JB
Acenaphthene	0.6	0.65	0.9	0.88
Biphenyl	3.3	3.6	4.9	4.4
Fluorene	2.4	2.7	3.8	3.4
C1-Fluorenes	3.9	4.3	6.9	5.6
C2-Fluorenes	5.9	6.4	9.9	7.6
C3-Fluorenes	6	6.4	9.5	7.7
Anthracene	0.4 J	0.39 J	0.63	0.48 J
Phenanthrene	13	13	18	15
C1-Phenanthrenes/anthracenes	21	22	31	26
C2-Phenanthrenes/anthracenes	17	17	24	21
C3-Phenanthrenes/anthracenes	13	13	19	15
C4-Phenanthrenes/anthracenes	11	12	16	14
Dibenzothiophene	1.8	1.9	2.8	2.4
C1-Dibenzothiophenes	3.6	3.7	5.5	4.4
C2-Dibenzothiophenes	5.7	5.9	8.5	7
C3-Dibenzothiophenes	4.3	4.6	6.4	5.2
Fluoranthene	2.8	2.8	3.8	3.2
Pyrene	3.8	3.8	5.4	4.5
C1-Fluoranthenes/pyrenes	9.2	9.6	14	12
C2-Fluoranthenes/pyrenes	8.4	8.8	12	10
C3-Fluoranthenes/pyrenes	6.4	6.8	9.7	7.9
Benzo[a]anthracene	1	1.1	1.7	1.2
Chrysene	6.6	6.5	9.6	8.5
C1-Chrysenes	7.3	7.6	11	9
C2-Chrysenes	6.8	7.2	10	8.7
C3-Chrysenes	4.3	4.6	6.3	4.8
C4-Chrysenes	2.8	2.8	4.2	3.8
Benzo[b]fluoranthene	3.6	3.8	5.4	4.5
Benzo[k]fluoranthene	0.38 J	0.4 J	0.62	0.5 J
Benzo[e]pyrene	4.9	5.2	7.1	6.1
Benzo[a]pyrene	0.98	1	1.6	1.2
Perylene	33	34	50	42
Indeno[1,2,3-c,d]pyrene	0.76	0.76	1.2	0.94
Dibenzo[a,h]anthracene	0.49 J	0.52 J	0.76	0.63
Benzo[g,h,i]perylene	3	3.3	4.7	3.9
d8-Naphthalene	52	49	44	52
d10-Acenaphthene	72	72	69	70
d10-Phenanthrene	88	89	90	88
d12-Benzo[a]pyrene	76	77	84	81

Project Title : MMS - AMINIDA - PHASE II

Data Package: 4000

Data Table: Main - Surrogate Corrected

Field ID	01-L02-01-16-PHC-SC	01-L02-01-22-PHC-SC	01-N02-01-2-PHC-SC	01-N02-01-4-PHC-SC
Lab ID	21A1896	21A1899	21A1923	21A1924
Lab Batch	B2141	B2141	B2140	B2140
SDG	ICF4000	ICF4000	ICF3998	ICF3998
File	S5509.D	S5511.D	S5479.D	S5480.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	21.14 g	20.35 g	20.56 g	22.13 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-34PB	DW-S-34PB	DW-S-31PB	DW-S-31PB
Field Date	08/03/01	08/03/01	07/31/01	07/31/01
Extract Date	07/22/02	07/22/02	07/18/02	07/18/02
Analysis Date	07/28/02	07/28/02	07/26/02	07/26/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	70.4	67.7	68.4	73.6
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.59	0.61	0.61	0.56
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	8.1	10	8.2	7
C1-Naphthalenes	22	28	18	16
C2-Naphthalenes	43	57	38	33
C3-Naphthalenes	44	60	31	27
C4-Naphthalenes	29	38	18	16
Acenaphthylene	0.048 JB	0.052 JB	0.044 JB	0.048 JB
Acenaphthene	1.7	1	1	0.93
Biphenyl	6.7	5.8	5.9	5.2
Fluorene	5.4	4.2	4.1	3.8
C1-Fluorenes	9.5	9.3	7.9	7
C2-Fluorenes	14	13	11	9.4
C3-Fluorenes	13	14	9.9	9.7
Anthracene	0.97	1	0.81	0.78
Phenanthrene	26	33	23	21
C1-Phenanthrenes/anthracenes	44	54	37	34
C2-Phenanthrenes/anthracenes	34	41	33	31
C3-Phenanthrenes/anthracenes	25	32	22	19
C4-Phenanthrenes/anthracenes	24	36	20	18
Dibenzothiophene	4.5	3.4	3.9	3.4
C1-Dibenzothiophenes	14	15	8.9	7.7
C2-Dibenzothiophenes	13	12	11	9.8
C3-Dibenzothiophenes	9	8.1	7.9	6.6
Fluoranthene	5.8	8.2	4.8	4.4
Pyrene	8	11	6.6	5.5
C1-Fluoranthenes/pyrenes	21	29	17	15
C2-Fluoranthenes/pyrenes	18	22	16	14
C3-Fluoranthenes/pyrenes	14	15	11	9.7
Benzo[a]anthracene	2.2	3.6	1.8	1.6
Chrysene	14	17	13	12
C1-Chrysenes	15	18	14	13
C2-Chrysenes	15	18	14	13
C3-Chrysenes	8.9	11	6.8	6.8
C4-Chrysenes	5.9	7	7.2	6.4
Benzo[b]fluoranthene	8.2	10	8	6.8
Benzo[k]fluoranthene	1.1	1.4	0.85	0.48 J
Benzo[e]pyrene	10	12	10	8.7
Benzo[a]pyrene	2.4	3.3	2.2	1.8
Perylene	82	81	70	62
Indeno[1,2,3-c,d]pyrene	1.7	2.3	1.9	1.5
Dibenzo[a,h]anthracene	1.1	1.5	1.2	0.95
Benzo[g,h,i]perylene	7.2	8.6	7.7	6.1
d8-Naphthalene	46	46	42	45
d10-Acenaphthene	71	74	77	72
d10-Phenanthrene	86	90	91	89
d12-Benzo[a]pyrene	80	84	88	92

Project Title : MMS - AMINIDA - PHASE II

Data Package: 4000

Data Table: Main - Surrogate Corrected

Field ID	01-N02-01-6-PHC-SC	01-N02-01-12-PHC-SC	01-N02-01-16-PHC-SC	01-N02-01-22-PHC-SC
Lab ID	21A1925	21A1928	21A1930	21A1933
Lab Batch	B2140	B2141	B2141	B2141
SDG	ICF3998	ICF4000	ICF4000	ICF4000
File	S5481.D	S5512.D	S5513.D	S5514.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	21.48 g	22.55 g	22.89 g	20.37 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-31PB	DW-S-34PB	DW-S-34PB	DW-S-34PB
Field Date	07/31/01	07/31/01	07/31/01	07/31/01
Extract Date	07/18/02	07/22/02	07/22/02	07/22/02
Analysis Date	07/26/02	07/28/02	07/28/02	07/28/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	71.5	75	76.1	67.8
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.58	0.55	0.55	0.61
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar

Naphthalene	7.4	6.7	4.8	9.7
C1-Naphthalenes	18	15	12	23
C2-Naphthalenes	35	32	23	48
C3-Naphthalenes	28	36	24	51
C4-Naphthalenes	19	22	16	32
Acenaphthylene	0.051 JB	0.068 JB	0.058 JB	0.13 JB
Acenaphthene	0.99	0.97	0.78	1.7
Biphenyl	6.1	4.7	3.5	7.6
Fluorene	4.2	4.1	2.6	5.8
C1-Fluorenes	7.3	7.8	4.7	11
C2-Fluorenes	10	10	6.8	15
C3-Fluorenes	9.6	10	6.7	14
Anthracene	0.82	0.72	0.4 J	0.98
Phenanthrene	22	19	13	30
C1-Phenanthrenes/anthracenes	36	32	23	51
C2-Phenanthrenes/anthracenes	31	26	19	41
C3-Phenanthrenes/anthracenes	19	19	14	30
C4-Phenanthrenes/anthracenes	19	18	12	27
Dibenzothiophene	3.8	3.2	2.3	5.2
C1-Dibenzothiophenes	7.4	11	4.6	16
C2-Dibenzothiophenes	10	9.2	7.1	15
C3-Dibenzothiophenes	7.6	6.8	5	10
Fluoranthene	4.2	4.4	3.1	7
Pyrene	5.8	6.2	4.5	10
C1-Fluoranthenes/pyrenes	16	15	11	24
C2-Fluoranthenes/pyrenes	15	14	9.8	22
C3-Fluoranthenes/pyrenes	10	11	7.4	16
Benzo[a]anthracene	1.6	1.4	1.1	2.6
Chrysene	12	11	7.9	18
C1-Chrysenes	14	11	8.2	19
C2-Chrysenes	13	10	7.1	17
C3-Chrysenes	7	6.7	4.2	11
C4-Chrysenes	6.1	5.2	3.4	8
Benzo[b]fluoranthene	7.7	7.2	4.7	12
Benzo[k]fluoranthene	0.42 J	0.73	0.35 J	1.5
Benzo[e]pyrene	9.4	8.7	5.8	14
Benzo[a]pyrene	1.9	2	1.3	3
Perylene	66	57	40	97
Indeno[1,2,3-c,d]pyrene	1.6	1.7	1	2.9
Dibenzo[a,h]anthracene	1	0.96	0.62	1.4
Benzo[g,h,i]perylene	6.7	6.4	4	10
d8-Naphthalene	55	33 &	48	38
d10-Acenaphthene	77	61	71	64
d10-Phenanthrene	91	84	88	79
d12-Benzo[a]pyrene	89	78	82	74

Project Title : MMS - AMINIDA - PHASE II

Data Package: 4000

Data Table: Main - Surrogate Corrected

Field ID	01-N03-01-2-PHC-SC	01-N03-01-4-PHC-SC	01-N03-01-6-PHC-SC	01-N03-01-10-PHC-SC
Lab ID	21A1945	21A1946	21A1947	21A1949
Lab Batch	B2141	B2141	B2141	B2141
SDG	ICF4000	ICF4000	ICF4000	ICF4000
File	S5515.D	S5516.D	S5517.D	S5518.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	22.26 g	22.02 g	22.45 g	21.96 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-34PB	DW-S-34PB	DW-S-34PB	DW-S-34PB
Field Date	07/28/01	07/28/01	07/28/01	07/28/01
Extract Date	07/22/02	07/22/02	07/22/02	07/22/02
Analysis Date	07/28/02	07/28/02	07/28/02	07/28/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	74	73.4	74.6	73
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.56	0.57	0.56	0.57
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	6.5	5.5	6.5	6.2
C1-Naphthalenes	14	14	14	17
C2-Naphthalenes	27	28	25	32
C3-Naphthalenes	30	30	28	34
C4-Naphthalenes	18	18	17	21
Acenaphthylene	0.12 JB	0.047 JB	0.068 JB	0.084 JB
Acenaphthene	0.92	0.96	0.83	1.1
Biphenyl	4.2	4.1	4.1	5.2
Fluorene	3.3	3.2	3	3.9
C1-Fluorenes	5.9	5.9	5.6	6.8
C2-Fluorenes	8.1	8.4	7.8	9.4
C3-Fluorenes	8.2	8.5	7.7	9.2
Anthracene	0.67	0.66	0.47 J	0.65
Phenanthrene	16	16	15	21
C1-Phenanthrenes/anthracenes	29	28	26	32
C2-Phenanthrenes/anthracenes	24	24	22	28
C3-Phenanthrenes/anthracenes	17	17	16	19
C4-Phenanthrenes/anthracenes	16	16	14	16
Dibenzothiophene	2.8	2.7	2.6	3.3
C1-Dibenzothiophenes	5.4	5.3	5.1	6.5
C2-Dibenzothiophenes	8.5	8.3	8	9.5
C3-Dibenzothiophenes	6.2	6.2	6.3	7.3
Fluoranthene	3.9	4	3.5	4.8
Pyrene	5.6	5.7	5.1	6.5
C1-Fluoranthenes/pyrenes	13	14	13	16
C2-Fluoranthenes/pyrenes	12	12	11	14
C3-Fluoranthenes/pyrenes	9	8.8	8.2	10
Benzo[a]anthracene	1.5	1.5	1.3	1.6
Chrysene	9.4	9.4	8.4	12
C1-Chrysenes	9.6	9.7	8.9	12
C2-Chrysenes	9.3	9.1	8.3	11
C3-Chrysenes	5.5	5.8	5	6.3
C4-Chrysenes	4	3	3.3	4.1
Benzo[b]fluoranthene	6.3	5.5	5.2	6.9
Benzo[k]fluoranthene	0.83	0.68	0.57	1
Benzo[e]pyrene	7.4	6.9	6.6	8.3
Benzo[a]pyrene	1.8	1.6	1.5	1.8
Perylene	51	52	48	60
Indeno[1,2,3-c,d]pyrene	1.7	1.3	1.2	1.5
Dibenzo[a,h]anthracene	0.81	0.69	0.72	0.82
Benzo[g,h,i]perylene	5.6	4.9	4.6	5.8
d8-Naphthalene	43	52	42	52
d10-Acenaphthene	74	76	58	74
d10-Phenanthrene	90	93	74	89
d12-Benzo[a]pyrene	85	87	68	84

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Data Table: Main - Surrogate Corrected

Field ID	01-N03-01-16-PHC-SC	01-N03-01-20-PHC-SC	01-P01-01-2-PHC-SC	01-P01-01-4-PHC-SC
Lab ID	21A1952	21A1954	21A1978	21A1979
Lab Batch	B2141	B2141	B2102	B2102
SDG	ICF4000	ICF4000	ICF3949	ICF3949
File	S5519.D	S5520.D	W0588.D	W0591.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	23.25 g	23.78 g	16.08 g	18.98 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DW-S-34PB	DW-S-34PB	DU-S-62PB	DU-S-62PB
Field Date	07/28/01	07/28/01	08/01/01	08/01/01
Extract Date	07/22/02	07/22/02	05/10/02	05/10/02
Analysis Date	07/28/02	07/29/02	05/29/02	05/30/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	77.4	79.2	53.6	63.2
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.54	0.52	0.78	0.66
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	4.7	4.2	12	9.3
C1-Naphthalenes	11	9.9	30	22
C2-Naphthalenes	22	19	55	40
C3-Naphthalenes	26	21	43	32
C4-Naphthalenes	17	14	22	19
Acenaphthylene	0.15 JB	0.042 JB	0.073 J	0.083 J
Acenaphthene	0.71	0.61	1.2	1.1
Biphenyl	3.1	2.8	9.4	6.9
Fluorene	2.5	2.1	6.1	5.3
C1-Fluorenes	5.2	4	9.7	8.3
C2-Fluorenes	7.5	5.5	13	11
C3-Fluorenes	7.6	5.8	14	11
Anthracene	0.48 J	0.37 J	0.66 J	0.61 J
Phenanthrene	13	12	34	26
C1-Phenanthrenes/anthracenes	23	20	55	42
C2-Phenanthrenes/anthracenes	20	17	50	37
C3-Phenanthrenes/anthracenes	14	12	30	24
C4-Phenanthrenes/anthracenes	13	12	28	21
Dibenzothiophene	2.1	1.9	5.2	4
C1-Dibenzothiophenes	4.4	3.8	16	11
C2-Dibenzothiophenes	7.1	6.1	22	15
C3-Dibenzothiophenes	5.4	4.6	15	10
Fluoranthene	3.5	2.9	6.6	5.8
Pyrene	4.7	4	7.8	6.8
C1-Fluoranthenes/pyrenes	12	10	22	18
C2-Fluoranthenes/pyrenes	10	8.4	22	17
C3-Fluoranthenes/pyrenes	7.5	6.1	14	10
Benzo[a]anthracene	1.2	0.97	1.9	1.7
Chrysene	8	6.8	13	11
C1-Chrysenes	8.2	7.2	15	12
C2-Chrysenes	7.5	6.4	16	12
C3-Chrysenes	4.8	3.8	7.8	5.2
C4-Chrysenes	2.9	2.6	3.2	2.9
Benzo[b]fluoranthene	4.5	4	7.5	6.9
Benzo[k]fluoranthene	0.73	0.28 J	0.56 J	0.52 J
Benzo[e]pyrene	5.4	5	8.7	7.1
Benzo[a]pyrene	1.2	1.1	2.2	2.1
Perylene	40	36	74	66
Indeno[1,2,3-c,d]pyrene	0.88	0.91	1.6	1.5
Dibenzo[a,h]anthracene	0.57	0.52	0.97	0.87
Benzo[g,h,i]perylene	3.5	3.3	5.3	4.8
d8-Naphthalene	43	52	48	48
d10-Acenaphthene	61	71	66	64
d10-Phenanthrene	85	88	75	78
d12-Benzo[a]pyrene	84	81	78	81

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Data Table: Main - Surrogate Corrected

Field ID	01-P01-01-6-PHC-SC	01-P01-01-8-PHC-SC	01-P01-01-10-PHC-SC	01-P01-01-12-PHC-SC
Lab ID	21A1980	21A1981	21A1982	21A1983
Lab Batch	B2102	B2102	B2102	B2102
SDG	ICF3949	ICF3949	ICF3949	ICF3949
File	W0592.D	W0593.D	W0594.D	W0595.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	20.07 g	20.04 g	19.77 g	20.39 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-62PB	DU-S-62PB	DU-S-62PB	DU-S-62PB
Field Date	08/01/01	08/01/01	08/01/01	08/01/01
Extract Date	05/10/02	05/10/02	05/10/02	05/10/02
Analysis Date	05/30/02	05/30/02	05/30/02	05/30/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	66.8	66.7	65.8	67.9
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.62	0.62	0.63	0.61
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	9.4	7.5	8	7
C1-Naphthalenes	20	18	19	16
C2-Naphthalenes	35	33	36	32
C3-Naphthalenes	28	27	30	27
C4-Naphthalenes	18	14	17	16
Acenaphthylene	0.07 J	0.055 JB	0.058 JB	0.062 JB
Acenaphthene	1.1	0.87	0.95	0.84
Biphenyl	6	6.4	6.9	5.5
Fluorene	4.6	4.4	4.8	4.1
C1-Fluorenes	7.3	7.1	8	7
C2-Fluorenes	10	10	11	9.7
C3-Fluorenes	11	10	12	10
Anthracene	0.58 J	0.52 J	0.58 J	0.55 J
Phenanthrene	24	23	25	22
C1-Phenanthrenes/anthracenes	38	37	42	36
C2-Phenanthrenes/anthracenes	35	35	39	34
C3-Phenanthrenes/anthracenes	24	22	26	22
C4-Phenanthrenes/anthracenes	21	19	22	20
Dibenzothiophene	3.7	3.8	4.3	3.4
C1-Dibenzothiophenes	10	10	10	9.2
C2-Dibenzothiophenes	14	16	17	13
C3-Dibenzothiophenes	10	12	12	10
Fluoranthene	5.6	5.3	6.3	5.6
Pyrene	6.7	6.3	7.5	6.7
C1-Fluoranthenes/pyrenes	19	18	20	18
C2-Fluoranthenes/pyrenes	17	17	20	18
C3-Fluoranthenes/pyrenes	9.3	11	12	11
Benzo[a]anthracene	2.1	1.8	2	1.9
Chrysene	9.7	10	12	10
C1-Chrysenes	11	12	14	12
C2-Chrysenes	11	12	15	14
C3-Chrysenes	5.2	5.5	5.9	5.8
C4-Chrysenes	3.1	3.4	2.7	3.4
Benzo[b]fluoranthene	6.6	6.8	7.7	6.9
Benzo[k]fluoranthene	0.5 J	0.52 J	0.82	0.91
Benzo[e]pyrene	6.7	7.1	8.5	7.5
Benzo[a]pyrene	2.1	1.9	2.3	2.2
Perylene	70	78	92	91
Indeno[1,2,3-c,d]pyrene	1.4	1.4	1.5	1.6
Dibenzo[a,h]anthracene	0.81	0.88	0.87	0.94
Benzo[g,h,i]perylene	4.4	4.7	5.1	5.2
d8-Naphthalene	55	55	51	40
d10-Acenaphthene	70	70	71	66
d10-Phenanthrene	82	83	83	81
d12-Benzo[a]pyrene	83	89	85	85

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Field ID	01-P01-01-14-PHC-SC	01-P01-01-16-PHC-SC	01-P01-01-18-PHC-SC	01-P01-01-20-PHC-SC
Lab ID	21A1984	21A1985	21A1986	21A1987
Lab Batch	B2102	B2102	B2102	B2120
SDG	ICF3949	ICF3949	ICF3949	ICF3967
File	W0596.D	W0597.D	W0598.D	S5100.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	20.18 g	19.95 g	16.16 g	18.55 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-62PB	DU-S-62PB	DU-S-62PB	DV-S-68PB
Field Date	08/01/01	08/01/01	08/01/01	08/01/01
Extract Date	05/10/02	05/10/02	05/10/02	06/13/02
Analysis Date	05/30/02	05/30/02	05/30/02	06/19/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	67.2	66.5	64.5	61.8
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.62	0.63	0.77	0.67
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	7.1	8.3	7.6	6.5
C1-Naphthalenes	18	19	17	14
C2-Naphthalenes	33	34	31	31
C3-Naphthalenes	28	27	27	37
C4-Naphthalenes	16	16	17	20
Acenaphthylene	0.062 JB	0.08 J	0.045 JB	0.11 JB
Acenaphthene	0.87	0.91	0.77	0.75
Biphenyl	5.7	5.6	4.9	4.3
Fluorene	4.1	3.8	3.4	3.3
C1-Fluorenes	7.2	6.6	6.3	6.2
C2-Fluorenes	10	9.2	9	9.8
C3-Fluorenes	11	9.9	10	11
Anthracene	0.58 J	0.78	0.76 J	0.6 J
Phenanthrene	22	22	22	20
C1-Phenanthrenes/anthracenes	37	37	36	34
C2-Phenanthrenes/anthracenes	34	33	35	34
C3-Phenanthrenes/anthracenes	23	23	24	22
C4-Phenanthrenes/anthracenes	21	20	21	19
Dibenzothiophene	3.5	3.2	2.8	3.1
C1-Dibenzothiophenes	9.8	9	7.7	14
C2-Dibenzothiophenes	13	13	12	15
C3-Dibenzothiophenes	10	10	10	11
Fluoranthene	5.9	6.2	6.4	6.9
Pyrene	6.9	7.1	7.5	7.7
C1-Fluoranthenes/pyrenes	19	19	19	18
C2-Fluoranthenes/pyrenes	19	18	19	17
C3-Fluoranthenes/pyrenes	12	11	11	12
Benzo[a]anthracene	1.9	2	2.1	1.9
Chrysene	11	10	11	11
C1-Chrysenes	12	11	12	13
C2-Chrysenes	13	13	14	12
C3-Chrysenes	5.9	5	5.6	7.7
C4-Chrysenes	2.9	2.9	3.3	5.9
Benzo[b]fluoranthene	7	7.1	7.8	7.7
Benzo[k]fluoranthene	0.52 J	0.5 J	0.78	0.57 J
Benzo[e]pyrene	7.4	7.4	7.8	7.7
Benzo[a]pyrene	2.1	2.3	2.5	2.2
Perylene	99	95	97	100
Indeno[1,2,3-c,d]pyrene	1.4	1.5	1.8	1.6
Dibenzo[a,h]anthracene	0.96	0.92	1.1	0.9
Benzo[g,h,i]perylene	5	4.8	5.4	5.1
d8-Naphthalene	49	49	40	39
d10-Acenaphthene	65	67	57	60
d10-Phenanthrene	80	80	71	73
d12-Benzo[a]pyrene	86	83	76	74

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Data Table: Main - Surrogate Corrected

Field ID	01-P01-01-22-PHC-SC	01-P01-01-24-PHC-SC	01-P01-01-26-PHC-SC	01-P01-01-28-PHC-SC
Lab ID	21A1988	21A1989	21A1990	21A1991
Lab Batch	B2103	B2103	B2103	B2103
SDG	ICF3952	ICF3952	ICF3952	ICF3952
File	W0652.D	W0653.D	W0654.D	W0655.D
Sample Type	N	N	N	N
Matrix	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT
Sample Size	17.36 g	20.67 g	20.25 g	20.57 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	DU-S-65PB	DU-S-65PB	DU-S-65PB	DU-S-65PB
Field Date	08/01/01	08/01/01	08/01/01	08/01/01
Extract Date	05/14/02	05/14/02	05/14/02	05/14/02
Analysis Date	06/03/02	06/03/02	06/03/02	06/03/02
Date Received	08/09/01	08/09/01	08/09/01	08/09/01
Percent Solids	57.8	68.8	67.5	68.5
Dilution Factor	1	1	1	1
Percent Lipids	NA	NA	NA	NA
Report Method	8270MOD	8270MOD	8270MOD	8270MOD
Min Reporting Limit	0.72	0.6	0.62	0.61
Units	ug/Kg	ug/Kg	ug/Kg	ug/Kg

Polynuclear Aromatic Hydrocar				
Naphthalene	15	9.2	9	8
C1-Naphthalenes	29	23	20	19
C2-Naphthalenes	50	38	37	32
C3-Naphthalenes	38	30	29	26
C4-Naphthalenes	21	18	17	14
Acenaphthylene	0.069 J	0.078 J	0.042 J	0.076 J
Acenaphthene	1.2	0.97	1	0.86
Biphenyl	8.5	6.4	6	5.3
Fluorene	6.1	4.4	4.6	3.6
C1-Fluorenes	10	7.5	7.5	6.6
C2-Fluorenes	14	11	11	10
C3-Fluorenes	15	11	11	11
Anthracene	0.83	0.66	0.68	0.56 J
Phenanthrene	34	26	26	22
C1-Phenanthrenes/anthracenes	53	41	40	36
C2-Phenanthrenes/anthracenes	48	38	37	34
C3-Phenanthrenes/anthracenes	32	25	26	24
C4-Phenanthrenes/anthracenes	16	13	13	12
Dibenzothiophene	4.8	3.6	3.6	2.9
C1-Dibenzothiophenes	14	11	12	9.9
C2-Dibenzothiophenes	18	14	14	13
C3-Dibenzothiophenes	15	11	11	10
Fluoranthene	8.9	7	6.7	6
Pyrene	10	8	7.9	7
C1-Fluoranthenes/pyrenes	28	23	22	20
C2-Fluoranthenes/pyrenes	28	22	22	19
C3-Fluoranthenes/pyrenes	17	14	13	12
Benzo[a]anthracene	2.9	2.2	2.1	2
Chrysene	16	12	12	10
C1-Chrysenes	18	13	13	12
C2-Chrysenes	19	15	14	13
C3-Chrysenes	10	6.6	8.4	7.4
C4-Chrysenes	7.2	4.3	4.6	4.3
Benzo[b]fluoranthene	12	8.9	9.1	7.6
Benzo[k]fluoranthene	1.1	0.85	0.78	0.71
Benzo[e]pyrene	12	9	8.9	7.6
Benzo[a]pyrene	3.4	2.6	2.7	2.4
Perylene	150	110	120	97
Indeno[1,2,3-c,d]pyrene	2.8	2.1	2.1	1.7
Dibenzo[a,h]anthracene	1.6	1.2	1.2	1
Benzo[g,h,i]perylene	8.3	6.3	6	5.1
d8-Naphthalene	47	52	41	49
d10-Acenaphthene	65	62	64	62
d10-Phenanthrene	75	72	76	77
d12-Benzo[a]pyrene	77	77	79	84