

| DEP ID | Mill Creek, Falmouth, sediment - Rep 1 | |
|----------------------------|--|---|
| EXT ID | L9632-6 (A) | |
| Compound | ng/g | |
| Naphthalene | B 2.63 | B |
| Acenaphthylene | 5.77 | |
| Acenaphthene | 3.15 | |
| Fluorene | 4.4 | |
| Phenanthrene | B 102 | B |
| Anthracene | 7.17 | |
| Fluoranthene | B 134 | B |
| Pyrene | B 101 | B |
| Benz[a]anthracene | B 25.6 | B |
| Chrysene | B 50.3 | B |
| Benzo[b,j,k]fluoranthene | 72.3 | |
| Benzo[e]pyrene | B 28 | B |
| Benzo[a]pyrene | B 33.6 | B |
| Perylene | 9.88 | |
| Dibenz[a,h]anthracene | B 5.82 | B |
| Indeno[1,2,3-c,d]-pyrene | B 24.5 | B |
| Benzo[g,h,i]perylene | B 23.2 | B |
| 2-Methylnaphthalene | B 1.49 | B |
| 1-Methylnaphthalene | B 1.13 | B |
| Biphenyl | B 0.603 | B |
| 2,6-Dimethylnaphthalene | B 2.41 | B |
| 2,3,5-Trimethylnaphthalene | 2.96 | |
| 1-Methylphenanthrene | B 11.4 | B |
| Sample weight (g) | 10.2 | |
| % Moisture | 24.4 | |

FLAGS

- < =not detected
- K =peak detected, but did not meet quantification crit
- D =dilution data
- J =concentration less than LMCL
- B =analyte found in sample and the associated blank

Mill Creek, Falmouth, sediment - Rep 1 (Duplicate)
WG21367-103 (DUP L9632-6)
ng/g

Mill Creek, Falmouth, sediment - Rep 2
L9632-12
ng/g

| | | |
|-------|--------|---|
| 3.29 | B 5.34 | B |
| 5.46 | 5.57 | |
| 0.599 | 8.36 | |
| 1.01 | 8.79 | |
| 16.8 | B 89.4 | B |
| 3.49 | 35 | |
| 42.6 | B 176 | B |
| 33.2 | B 154 | B |
| 13.9 | B 91 | B |
| 24.4 | B 105 | B |
| 41.5 | 162 | < |
| 17.6 | B 63.3 | B |
| 21 | B 96.9 | B |
| 7.61 | 22.5 | |
| 3.62 | B 15.9 | B |
| 15.9 | B 52 | B |
| 15.4 | B 48.7 | B |
| 1.75 | B 3.23 | B |
| 1.24 | B 4.31 | B |
| 2.33 | B 1.4 | B |
| 0.916 | B 3.38 | B |
| 1.33 | 5.29 | |
| 2.88 | B 13.9 | B |

| | | |
|------|------|--|
| 10.8 | 10.6 | |
| 24.7 | 21.1 | |

eria, result reported represents the estimated maximum possible concentration

<

Mill Creek, Falmouth, sediment - Rep 3

L9632-18

ng/g

2.25

2.69

2.25

2.09

38.6

9.93

78.4

66.5

32.8

45.2

1480

25.1

33.3

8.63

5.63

19.7

18.7

1.35

0.969

0.863

1.98

1.23

5.15

10.7

23.1

EXTRACTION BLANKS

Lab ID Lab Blank
File ID WG21367-101 (A)

| Compound | |
|----------------------------|----------|
| Naphthalene | K 0.999 |
| Acenaphthylene | < 0.228 |
| Acenaphthene | < 0.205 |
| Fluorene | < 0.101 |
| Phenanthrene | 0.113 |
| Anthracene | < 0.0528 |
| Fluoranthene | 0.208 |
| Pyrene | 0.658 |
| Benz[a]anthracene | K 0.062 |
| Chrysene | 0.139 |
| Benzo[b,j,k]fluoranthene | < 0.0555 |
| Benzo[e]pyrene | 0.104 |
| Benzo[a]pyrene | 0.136 |
| Perylene | < 0.113 |
| Dibenz[a,h]anthracene | 0.264 |
| Indeno[1,2,3-c,d]-pyrene | K 0.161 |
| Benzo[g,h,i]perylene | K 0.199 |
| 2-Methylnaphthalene | 0.457 |
| 1-Methylnaphthalene | 0.307 |
| Biphenyl | K 0.222 |
| 2,6-Dimethylnaphthalene | 0.571 |
| 2,3,5-Trimethylnaphthalene | < 0.132 |
| 1-Methylphenanthrene | K 0.265 |

FLAGS

< =not detected
K =peak detected, but did not meet quantification criteria
D =dilution data
J =concentration less than LMCL
B =analyte found in sample and the associated blank

1, result reported represents the estimated maximum possible concentration

DEP ID
EXT ID

Mill Creek, Falmouth, sediment - Rep 1
L9632-6 (A)

| Compound | %rec | |
|------------------------------|--------|------|
| Naphthalene d-8 | 15-130 | 28.4 |
| 2-Methylnaphthalene d-10 | 20-130 | 41.3 |
| Biphenyl d-10 | | 56.9 |
| 2,6-Dimethylnaphthalene d-12 | 20-130 | 58.1 |
| Acenaphthylene d-8 | 20-130 | 62.5 |
| Phenanthrene d-10 | 30-130 | 85.1 |
| Fluoranthene d-10 | 30-130 | 90.5 |
| Benzo[a]anthracene d-12 | 30-130 | 98.5 |
| Chrysene d-12 | 30-130 | 95 |
| Benzo[b]fluoranthene d-12 | 30-130 | 91.8 |
| Benzo[k]fluoranthene d-12 | 30-130 | 86.4 |
| Benzo[a]pyrene d-12 | 30-130 | 87.2 |
| Perylene d-12 | 30-130 | 90 |
| Dibenzo[a,h]anthracene d-14 | 30-130 | 86.6 |
| Indeno[1,2,3-cd]pyrene d-12 | 30-130 | 91.8 |
| Benzo[g,h,i]perylene d-12 | 30-130 | 85.1 |

Mill Creek, Falmouth, sediment - Rep 1 (Duplicate)
WG21367-103 (DUP L9632-6)

Mill Creek, Falmouth, sediment - Rep 2
L9632-12

16.4
23.4
39.3
32.3
45.1
73.2
84.7
102
97
97.6
92.4
90.4
94.3
98.3
103
95.8

23.3
35
47.8
51.7
57
83.9
87.9
96.6
91.4
89.2
85.5
87
88.6
88.5
93.5
87.7

Mill Creek, Falmouth, sediment - Rep 3
L9632-18

23.2
34.5
48.8
51.2
57.6
84.3
87.3
96.7
92.6
89
85
86.3
88.4
88.5
92.4
86

| Lab ID | Laboratory Control Standards (LCS) | | |
|----------------------------|------------------------------------|-------------|-------|
| File ID | Spiked Matrix | | |
| | WG21367-102 (A) | | |
| | Spike Conc. | LCS | ng/Kg |
| | (ng/Kg) | Range* | |
| Naphthalene | 22000 | 15400-28600 | 22000 |
| Acenaphthylene | 21600 | 15100-30200 | 20800 |
| Acenaphthene | 21600 | 15100-28100 | 22700 |
| Fluorene | 21500 | 15100-28000 | 17600 |
| Phenanthrene | 21500 | 15100-28000 | 19700 |
| Anthracene | 21700 | 15200-28300 | 18000 |
| Fluoranthene | 22400 | 15700-29100 | 21000 |
| Pyrene | 22200 | 15500-28800 | 20600 |
| Benz[a]anthracene | 21400 | 14900-27800 | 19900 |
| Chrysene | 22000 | 15400-28600 | 21000 |
| Benzo[b,j,k]fluoranthene | 44100 | 30900-57300 | 41500 |
| Benzo[e]pyrene | 21400 | 14900-27800 | 23800 |
| Benzo[a]pyrene | 21500 | 15000-27900 | 20800 |
| Perylene | 21700 | 15200-28200 | 21000 |
| Dibenz[a,h]anthracene | 21400 | 15000-27900 | 20900 |
| Indeno[1,2,3-c,d]-pyrene | 21100 | 14800-27500 | 20200 |
| Benzo[g,h,i]perylene | 21000 | 14700-27300 | 20300 |
| 2-Methylnaphthalene | 21800 | 15200-30500 | 20900 |
| 1-Methylnaphthalene | 21900 | 15300-30600 | 21300 |
| Biphenyl | 21900 | 15300-30700 | 21100 |
| 2,6-Dimethylnaphthalene | 21800 | 15200-30500 | 20400 |
| 2,3,5-Trimethylnaphthalene | 21800 | 15200-30500 | 24900 |
| 1-Methylphenanthrene | 21800 | 15300-30500 | 21200 |