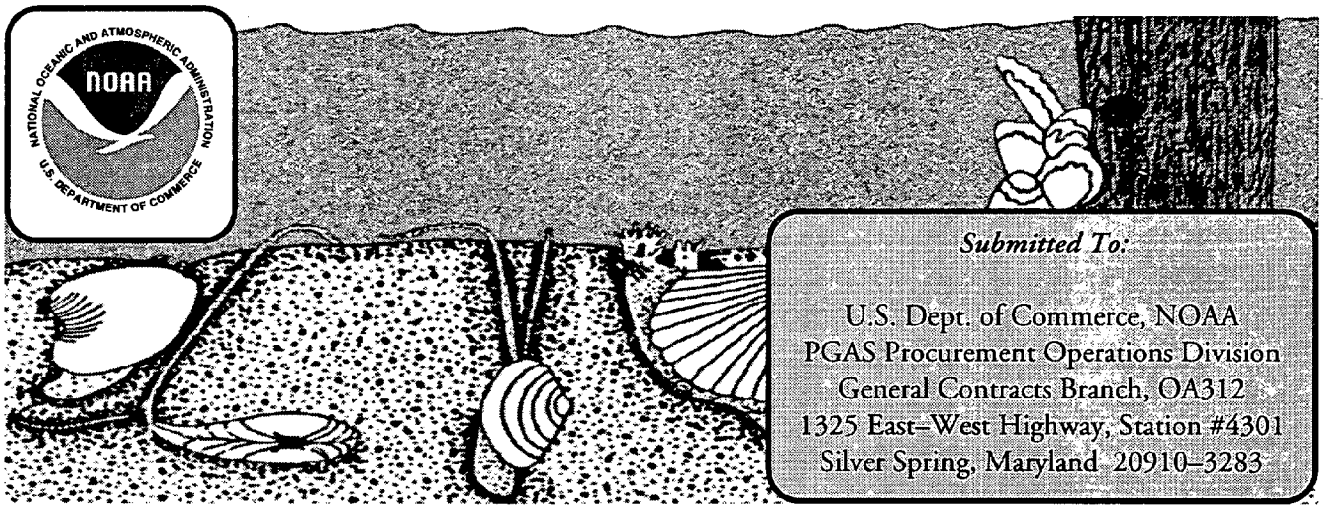
# NOAA National Status & Trends Mussel Watch Program

# *Analytical Data Report*

# *Year IX*

**The Geochemical & Environmental Research Group**



*Submitted To:*

U.S. Dept. of Commerce, NOAA
PGAS Procurement Operations Division
General Contracts Branch, OA312
1325 East-West Highway, Station #4301
Silver Spring, Maryland 20910-3283




**September 1995**

NOAA Status and Trends
Mussel Watch Project - Year 9
Analytical Data

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# MUSSEL WATCH PROJECT

# Field Station Data

# Mussel Watch Project Year 9 - Field Station Data

| Site | Rep. No. | Location Name | Latitude | Longitude | Type | Date (M/D/Y) | Collect. Method | Bottom Type | Scientist | Species | Depth (m) | Temp (°C) | Salinity (0/00) | High Water (Local Time) | Low Water (Local Time) | Tidal Reference | Tidal Horizon |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | 1 | South Bay, Lower Laguna Madre | 26°02'46" | 97°10'29" | B | 12/9/93 | H | N | Fay | *C. virginica* | 0.3 | 19 | 31 | 15:27 | 6:00 | Pt. Isabel | 0.34 |
| LMPI | 1 | Port Isabel, Lower Laguna Madre | 26°04'37" | 97°12'03" | B | 12/8/93 | H | N | Fay | *C. virginica* | 0.5 | 21 | 29 | 14:09 | 5:13 | Pt. Isabel | 0.34 |
| LMAC | 1 | Arroyo Colorado, Lower Laguna Madre | 26°16'48" | 97°17'18" | B | 12/8/93 | H | HNG | Fay | *C. virginica* | 0.3 | 22 | 30 | 22:49 | 4:10 | Padre Is. | 0.34 |
| CCNB | 1 | Nueces Bay, Corpus Christi | 27°51'10" | 97°21'33" | B | 12/14/93 | H | SM | Wilson | *C. virginica* | 0.2 | 13 | 32 | 18:50 | 10:38 | Aransas P. | 0.65 |
| ABLR | 1 | Long Reef, Aransas Bay | 28°02'58" | 96°56'46" | B | 12/16/93 | D | MNSG | Jobling | *C. virginica* | 0.5 | 16 | 23 | 20:06 | 12:07 | Aransas P. | 0.50 |
| MBAR | 1 | Ayres Reef, Mesquite Bay | 28°10'09" | 96°49'57" | B | 12/15/93 | H | | Wilson | *C. virginica* | 0.1 | 13 | 24 | 19:30 | 11:23 | Aransas P. | 0.58 |
| SAPP | 1 | Panther Point Reef, San Antonio Bay | 28°14'00" | 96°42'33" | B | 12/15/93 | D | S | Jobling | *C. virginica* | 1.5 | 15 | 24 | 19:30 | 11:23 | Pt. O'Con. | 0.20 |
| ESSP | 1 | South Pass Reef, Espiritu Santo | 28°17'54" | 96°37'20" | B | 12/16/93 | HD | R | Wilson | *C. virginica* | 0.5 | 17 | 24 | 20:06 | 12:07 | Pt. O'Con. | 0.17 |
| ESBD | 1 | Bill Day's Reef, Espiritu Santo | 28°24'51" | 96°26'16" | B | 12/16/93 | H | SNA | Wilson | *C. virginica* | 0.3 | 16 | 30 | 20:06 | 12:07 | Pt. O'Con. | 0.17 |
| MBGP | 1 | Gallinipper Point, Matagorda Bay | 28°35'15" | 96°34'10" | B | 12/14/93 | D | SMH | Jobling | *C. virginica* | 2.0 | 15 | 25 | 18:50 | 10:38 | Pt. Lavaca | 0.32 |
| MBCB | 1 | Carancahua Bay, Matagorda Bay | 28°39'24" | 96°23'11" | B | 12/14/93 | H | SR | Jobling | *C. virginica* | 0.3 | 15 | 25 | 18:50 | 10:38 | Pt. Lavaca | 0.32 |
| BRCL | 1 | Cedar Lakes, Brazos River | 28°51'30" | 95°27'50" | B | 12/7/93 | H | R | Wilson | *C. virginica* | 0.3 | 18 | 22 | 22:01 | 4:06 | Freeport | 0.34 |
| GBTD | 1 | Todd's Dump, Galveston Bay | 29°30'04" | 94°53'49" | B | 12/8/93 | D | SM | Jobling | *C. virginica* | 1.5 | 16 | 13 | 23:46 | 6:36 | Texas City | 0.35 |
| GBOB | 1 | Offats Bayou, Galveston Bay | 27°17'05" | 94°50'09" | B | 12/8/93 | H | B | Wilson | *C. virginica* | 0.5 | 17 | 21 | 23:13 | 5.55 | Galveston | 0.35 |
| GBSC | 1 | Ship Channel, Galveston Bay | 29°42'16" | 94°59'35" | B | 12/7/93 | D | SM | Jobling | *C. virginica* | 1.5 | 16 | 12 | 23:16 | 5:49 | Texas City | 0.25 |
| SLBB | 1 | Blue Buck Point, Sabine Lake | 29°47'30" | 93°54'25" | B | 12/9/93 | D | SM | Wilson | *C. virginica* | 1.5 | 16 | 11 | 13:25 | 5:27 | Sabine | 0.64 |
| CLLC | 1 | Lake Charles, Calcasieu Lake | 30°03'25" | 93°18'25" | B | 12/9/93 | H | SM | Wilson | *C. virginica* | 0.5 | 18 | 12 | 12:31 | 5:43 | Mermentau | 0.85 |
| VBSP | 1 | Southwest Pass, Vermillion Bay | 29°34'36" | 92°02'45" | B | 1/11/94 | D | SMH | Jobling | *C. virginica* | 2.0 | 8 | 3 | 17:09 | 9:09 | SW Pass | 0.71 |
| CLCL | 1 | Caillou Lake, Caillou Lake | 29°15'15" | 90°55'48" | B | 1/12/94 | D | SM | Jobling | *C. virginica* | 2.0 | 10 | 10 | 22:11 | 9:31 | Caillou | 0.55 |
| TBLF | 1 | Lake Felicity, Terrebonne Bay | 29°15'48" | 90°24'24" | B | 1/11/94 | H | SM | Wilson | *C. virginica* | 0.5 | 15 | 15 | 21:07 | 8:26 | Timbalier | 0.55 |
| MRPL | 1 | Pass a Loutre, Mississippi River | 29°04'52" | 89°05'32" | B | 1/14/94 | D | MS | Jobling | *C. virginica* | 1.5 | 8 | 2 | 19:40 | 7:49 | P-a-Loutre | 0.34 |
| BSSI | 1 | Sable Island, Breton Sound | 29°24'07" | 89°29'06" | B | 1/13/94 | D | MS | Jobling | *C. virginica* | 1.0 | 10 | 1 | 23:33 | 9:50 | Breton S. | 0.42 |
| LBMP | 1 | Malheureux Point, Lake Borgne | 29°52'01" | 89°40'42" | B | 1/14/94 | H | SM | Wilson | *C. virginica* | 0.4 | 10 | 6 | 20:40 | 9:36 | N. Orleans | 0.22 |
| LBNO | 1 | New Orleans, Lake Borgne | 29°56'36" | 89°50'06" | B | 1/14/94 | H | SMP | Wilson | *C. virginica* | 0.2 | 9 | 7 | 20:40 | 9:36 | N. Orleans | 0.22 |
| MSPC | 1 | Pass Christian, Mississippi Sound | 30°18'07" | 89°19'40" | B | 1/15/94 | D | NSH | Jobling | *C. virginica* | 2.5 | 6 | 18 | 11:02 | 22:09 | Bay S. Lou | 0.46 |
| MSPB | 1 | Pascagoula Bay, Mississippi Sound | 30°20'02" | 88°36'06" | B | 1/15/94 | D | SR | Jobling | *C. virginica* | 1.5 | 11 | 18 | 9:29 | 19:57 | Pascagoula | 0.42 |
| MBCP | 1 | Cedar Point Reef, Mobile Bay | 30°18'42" | 88°08'00" | B | 1/15/94 | H | NS | Wilson | *C. virginica* | 1.2 | 11 | 20 | 1:59 | 11:28 | Mobile | 0.30 |
| MBHI | 1 | Hollingers Is. Channel, Mobile Bay | 30°33'48" | 88°04'30" | B | 1/15/94 | D | MSN | Wilson | *C. virginica* | 2.0 | 9 | 7 | 1:59 | 11:28 | Mobile | 0.30 |
| PBPH | 1 | Public Harbor, Pensacola Bay | 30°24'38" | 87°11'25" | B | 1/16/94 | H | N | Wilson | *C. virginica* | 0.5 | 10 | 24 | 0:52 | 10:07 | Pensacola | 0.52 |
| PBIB | 1 | Indian Bayou, Pensacola Bay | 30°31'00" | 87°06'42" | B | 1/16/94 | D | SM | Wilson | *C. virginica* | 2.0 | 11 | 23 | 0:52 | 10:07 | Pensacola | 0.52 |
| CBJB | 1 | Joe's Bayou, Choctawhatchee Bay | 30°24'37" | 86°29'27" | B | 1/17/94 | H | SBRM | Wilson | *C. virginica* | 0.5 | 11 | 24 | 16:54 | 10:26 | Destin | 0.13 |
| CBBL | 1 | Ben's Lake, Choctawhatchee Bay | 30°27'09" | 86°28'44" | B | 1/17/94 | H | CB | Wilson | *C. virginica* | 0.5 | 13 | 25 | 16:54 | 10:26 | Destin | 0.13 |
| CBPP | 1 | Postil Point, Choctawhatchee Bay | 30°28'51" | 86°28'44" | B | 1/16/94 | H | B | Jobling | *C. virginica* | 0.3 | 6 | 24 | 0:25 | 11:27 | Destin | 0.24 |
| CBBB | 1 | Boggy Bayou, Choctawhatchee Bay | 30°30'11" | 86°29'39" | B | 1/16/94 | H | E | Jobling | *C. virginica* | 0.5 | 7 | 17 | 0:25 | 11:27 | Destin | 0.24 |
| PCLO | 1 | Little Oyster Bar, Panama City | 30°15'11" | 85°40'57" | B | 1/17/94 | H | M | Jobling | *C. virginica* | 0.2 | 12 | 10 | 17:15 | 9:26 | Lyn Haven | 0.34 |

**Bottom Type: A=Algae, B=Rubble, C=Clay, E=Concrete, G=Grass, H=Hash, K=Kelp, M=Mud, N=Sand, P=Peat, R=Reef, S=Shell, T=Roots**
**Collection Method: D=Dredge, H=Hand, R=Rake, T=Tongs**
**Sample Type: B=Bivalve, S=Sediment**

# Mussel Watch Project Year 9 - Field Station Data

| Site | Rep. No. | Location Name | Latitude | Longitude | Type | Date (M/D/Y) | Collect. Method | Bottom Type | Scientist | Species | Depth (m) | Temp (°C) | Salinity (0/00) | High Water (Local Time) | Low Water (Local Time) | Tidal Reference | Tidal Horizon |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AESP | 1 | Spring Creek, Apalachee Bay | 30°03'45" | 84°19'22" | B | 1/18/94 | H | SR | Wilson | *C. virginica* | 0.5 | 15 | 13 | 17:58 | 0:15 | Bald Pt. | 0.57 |
| CKBP | 1 | Black Point, Cedar Key | 29°12'17" | 83°04'20" | B | 1/19/94 | H | MSR | Wilson | *C. virginica* | 1.0 | 4 | 19 | 17:47 | 0:20 | Cedar Key | 0.69 |
| TBOT | 1 | Old Tampa Bay, Tampa Bay | 28°01'29" | 82°37'57" | B | 1/20/94 | H | NSR | Wilson | *C. virginica* | 0.2 | 13 | 2 | 21:33 | 4:45 | Safety H. | 0.67 |
| TBPB | 1 | Papys Bayou, Tampa Bay | 27°50'32" | 82°36'37" | B | 1/20/94 | H | SR | Wilson | *C. virginica* | 0.5 | 14 | 28 | 19:55 | 2:50 | St. Peters. | 0.55 |
| TBHB | 1 | Hillsborough, Tampa Bay | 27°51'17" | 82°23'45" | B | 1/21/94 | H | | Wilson | *C. virginica* | 0.6 | 15 | 15 | 20:53 | 4:30 | Hillsbrgh. | 0.75 |
| TBMK | 1 | Mullet Key Bayou, Tampa Bay | 27°37'17" | 82°43'37" | B | 1/21/94 | H | | Wilson | *C. virginica* | 0.5 | 15 | 33 | 18:37 | 3:20 | St. Pete B. | 0.52 |
| TBKA | 1 | Knights Airport, Tampa Bay | 27°54'31" | 82°27'16" | B | 1/20/94 | H | NBH | Fay | *C. virginica* | 0.2 | 14 | 30 | 20:02 | 3:16 | Hillsbrgh. | 0.67 |
| TBNP | 1 | Navarez Park, Tampa Bay | 27°47'17" | 82°45'17" | B | 1/20/94 | H | N | Wilson | *C. virginica* | 0.3 | 12 | 32 | 18:15 | 1:32 | Madeira B. | 0.55 |
| CBBI | 1 | Bird Island, Charlotte Harbor | 26°30'44" | 82°02'11" | B | 1/21/94 | D | SR | Fay | *C. virginica* | 0.8 | 16 | 26 | 20:27 | 4:30 | Pineland | 0.50 |
| RBHC | 1 | Henderson Creek, Rookery Bay | 26°01'30" | 81°44'12" | B | 1/21/94 | H | SN | Fay | *C. virginica* | 0.4 | 18 | 34 | 19:23 | 2:34 | Marco | 0.51 |
| FBFO | 1 | Flamingo, Florida Bay | 25°08'16" | 80°55'15" | SB | 1/25/94 | H | N | Wilson | *C. virginica* | 1.0 | 20 | 35 | 1:02 | 9:49 | Flamingo | 0.88 |
| FBFO | 2 | Flamingo, Florida Bay | 25°08'16" | 80°55'15" | SB | 1/25/94 | H | N | Wilson | *C. virginica* | 1.0 | 20 | 35 | 1:02 | 9:49 | Flamingo | 0.88 |
| FBFO | 3 | Flamingo, Florida Bay | 25°08'16" | 80°55'15" | SB | 1/25/94 | H | N | Wilson | *C. virginica* | 1.0 | 20 | 35 | 1:02 | 9:49 | Flamingo | 0.88 |
| FBJB | 1 | Joe Bay, Florida Bay | 25°12'32" | 80°32'00" | SB | 1/25/94 | H | NG | Wilson | *C. virginica* | 1.0 | 23 | 30 | 1:02 | 9:49 | Flamingo | 0.88 |
| FBJB | 2 | Joe Bay, Florida Bay | 25°12'32" | 80°32'00" | SB | 1/25/94 | H | NG | Wilson | *C. virginica* | 1.0 | 23 | 30 | 1:02 | 9:49 | Flamingo | 0.88 |
| FBJB | 3 | Joe Bay, Florida Bay | 25°12'32" | 80°32'00" | SB | 1/25/94 | H | NG | Wilson | *C. virginica* | 1.0 | 23 | 30 | 1:02 | 9:49 | Flamingo | 0.88 |
| BHKF | 1 | Bahia Honda, Florida | 24°39'31" | 81°16'26" | B | 1/19/94 | H | NGP | Fay | *C. virginica* | 0.5 | 20 | 35 | 14:00 | 7:42 | B.Honda K | 0.29 |
| PRBB | 1 | Bahia de Boqueron, Puerto Rico | 18°00'26" | 67°10'43" | B | 2/14/94 | H | M | Wilson | *C. virginica* | 0.3 | 25 | 35 | 10:50 | 17:16 | San Juan | 0.33 |
| PRBM | 1 | Bahia Montalva, Puerto Rico | 17°58'14" | 66°59'26" | B | 2/13/94 | H | TB | Wilson | *C. virginica* | 0.3 | 26 | 36 | 2:58 | 6:57 | San Juan | 0.37 |
| PRBJ | 1 | Bahia de Jobos, Puerto Rico | 17°56'20" | 66°10'57" | B | 2/15/94 | H | TN | Wilson | *C. virginica* | 0.3 | 26 | 36 | 0:23 | 7:56 | San Juan | 0.30 |

**Bottom Type: A=Algae, B=Rubble, C=Clay, E=Concrete, G=Grass, H=Hash, K=Kelp, M=Mud, N=Sand, P=Peat, R=Reef, S=Shell, T=Roots**
**Collection Method: D=Dredge, H=Hand, R=Rake, T=Tongs**
**Sample Type: B=Bivalve, S=Sediment**

# Hydrocarbon Results

# PAH Data
# (Tissue)

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LMSB | | LMPI | | LMAC | | CCNB | | ABLR | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | L. Laguna Madre | | L. Laguna Madre | | L. Laguna Madre | | Corpus Christi | | Aransas Bay | |
| SITE | South Bay | | Port Isabel | | Arroyo Colorado | | Nueces Bay | | Long Reef | |
| LABSAMNO | K8008 | | K8016 | | K8012 | | K8018 | | K8032 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/10/93 | | 12/10/93 | | 12/10/93 | | 12/16/93 | | 12/17/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/04/94 | | 09/04/94 | | 09/04/94 | | 09/04/94 | | 09/04/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.23 | | 10.02 | | 10.15 | | 10.03 | | 10.05 | |
| DRYWT | 1.06 | | 1.32 | | 1.70 | | 2.21 | | 1.65 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 10.3% | | 13.2% | | 16.7% | | 22.0% | | 16.4% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 4.11 | | 3.28 | | 10.92 | | 2.04 | | 18.74 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 50.8 | | 48.7 | | 48.1 | | 54.3 | | 55.4 | |
| ACEND10 | 54.9 | | 51.3 | | 53.6 | | 60.4 | | 60.2 | |
| PHEND10 | 59.7 | | 55.4 | | 58.9 | | 65.7 | | 58.0 | |
| CHRYD12 | 65.5 | | 60.1 | | 66.0 | | 75.7 | | 67.3 | |
| PERYD12 | 21.9 | | 20.3 | | 12.1 | Q | 10.6 | Q | 9.6 | Q |
| NAPHTHALENE * | 20.3 | | 18.9 | | 54.4 | | 14.0 | | 14.2 | |
| C1-NAPHTHALENES | 15.9 | J | 15.7 | | 30.4 | | 13.0 | | 10.9 | |
| C2-NAPHTHALENES | 18.2 | | 21.1 | | 20.3 | | 16.4 | | 29.0 | |
| C3-NAPHTHALENES | 35.9 | | 51.1 | | 48.6 | | 33.7 | | 91.4 | |
| C4-NAPHTHALENES | 17.9 | J | 56.1 | | 51.4 | | 28.9 | | 110.9 | |
| BIPHENYL * | 5.9 | J | 4.9 | J | 26.8 | | 4.1 | J | 6.8 | J |
| ACENAPHTHYLENE | 1.3 | J | 2.2 | J | 2.9 | J | 2.6 | J | 2.4 | J |
| ACENAPHTHENE * | 1.3 | J | 13.1 | | 8.9 | | 5.5 | | 1.6 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LMSB | | LMPI | | LMAC | | CCNB | | ABLR | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | L. Laguna Madre | | L. Laguna Madre | | L. Laguna Madre | | Corpus Christi | | Aransas Bay | |
| SITE | South Bay | | Port Isabel | | Arroyo Colorado | | Nueces Bay | | Long Reef | |
| LABSAMNO | K8008 | | K8016 | | K8012 | | K8018 | | K8032 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 2.7 | J | 13.1 | | 13.8 | | 7.9 | | 4.8 | J |
| C1-FLUORENES | 18.2 | J | 23.9 | | 24.1 | | 20.1 | | 35.2 | |
| C2-FLUORENES | | ND | | ND | 86.7 | | | ND | | ND |
| C3-FLUORENES | | ND | | ND | 136.1 | | | ND | | ND |
| PHENANTHRENE * | 14.6 | | 85.8 | | 88.7 | | 52.2 | | 33.3 | |
| ANTHRACENE * | 2.3 | J | 9.8 | | 6.7 | | 6.8 | | 4.4 | J |
| C1-PHEN_ANTHR | 16.5 | | 66.8 | | 59.8 | | 29.1 | | 82.1 | |
| C2-PHEN_ANTHR | 27.4 | | 87.3 | | 41.4 | | 31.0 | | 114.0 | |
| C3-PHEN_ANTHR | 29.2 | | 111.5 | | 55.6 | | 37.6 | | 78.9 | |
| C4-PHEN_ANTHR | 12.8 | J | 39.0 | | 17.5 | | 15.4 | | 31.1 | |
| DIBENZOTHIO | 0.9 | J | 6.1 | | 4.2 | | 3.4 | | 2.8 | |
| C1-DIBEN | 4.2 | J | 13.3 | | 7.6 | | 10.3 | | 18.7 | |
| C2-DIBEN | 9.9 | | 33.5 | | 23.6 | | 17.1 | | 41.6 | |
| C3-DIBEN | 13.3 | | 42.8 | | 16.4 | | 22.1 | | 28.1 | |
| FLUORANTHENE * | 19.8 | | 513.9 | | 249.5 | | 88.9 | | 7.0 | |
| PYRENE * | 10.9 | | 207.5 | | 140.7 | | 52.0 | | 8.0 | |
| C1-FLUORAN_PYR | 10.2 | | 134.5 | | 74.6 | | 48.8 | | 14.8 | |
| BENaANTHRACENE * | 2.7 | J | 95.2 | | 24.7 | | 13.0 | | 1.2 | J |
| CHRYSENE * | 7.8 | | 95.0 | | 52.8 | | 36.5 | | 3.6 | J |
| C1-CHRYSENES | 3.1 | J | 16.6 | | 6.9 | J | 7.3 | | 3.2 | J |
| C2-CHRYSENES | 3.3 | J | 4.0 | J | 2.6 | J | 5.1 | J | 4.4 | J |
| C3-CHRYSENES | | ND | | ND | 1.2 | J | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | 2.1 | J | | ND | | ND |
| BENb/BENkFLUORAN | 6.7 | | 42.4 | | 18.9 | | 16.0 | | 2.9 | |
| BENePYRENE * | 3.3 | | 17.6 | | 11.3 | | 8.6 | | 1.7 | |
| BENaPYRENE * | 1.1 | J | 2.2 | J | 2.4 | J | 1.2 | J | 0.5 | J |
| PERYLENE * | 2.0 | J | 3.7 | J | 4.7 | | 3.7 | | 4.0 | |
| I123cdPYRENE | 1.4 | J | 3.3 | | 2.0 | | 1.3 | | 0.6 | J |
| DBahANTHRA * | 0.7 | J | 0.9 | J | 0.8 | J | 0.6 | J | 0.4 | J |
| BghiPERYLENE | 1.8 | J | 4.1 | | 2.2 | | 1.9 | | 0.9 | J |
| TOTAL PAHs | 343.3 | 0.0 | 1856.7 | 0.0 | 1423.1 | 0.0 | 655.9 | 0.0 | 795.0 | 0.0 |
| S&T Total PAHs (*) | 125.0 | | 1125.6 | | 741.5 | | 326.7 | | 153.7 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LMSB | | LMPI | | LMAC | | CCNB | | ABLR | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | L. Laguna Madre | | L. Laguna Madre | | L. Laguna Madre | | Corpus Christi | | Aransas Bay | |
| SITE | South Bay | | Port Isabel | | Arroyo Colorado | | Nueces Bay | | Long Reef | |
| LABSAMNO | K8008 | | K8016 | | K8012 | | K8018 | | K8032 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 8.8 | J | 8.7 | | 16.8 | | 8.5 | | 6.5 | |
| 1-METHYLNAPH * | 7.1 | | 7.0 | | 13.6 | | 4.5 | | 4.5 | |
| 2,6-DIMETHNAPH * | 10.1 | | 10.9 | | 10.6 | | 9.2 | | 18.0 | |
| 1,6,7-TRIMETHNAPH * | 1.7 | J | 4.7 | J | 4.2 | J | 3.1 | J | 16.4 | |
| 1-METHYLPHEN * | 2.1 | J | 12.7 | | 10.1 | | 6.6 | | 17.0 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | ABLR | | MBAR | | SAPP | | ESSP | | ESBD | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Aransas Bay | | Mesquite Bay | | San Antonio Bay | | Espiritu Santo | | Espiritu Santo | |
| SITE | Long Reef | | Ayres Reef | | Panther Point Reef | | South Pass Reef | | Bill Day's Reef | |
| LABSAMNO | K8032 | | K8020 | | K8026 | | K8030 | | K8028 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/17/93 | | 12/16/93 | | 12/16/93 | | 12/17/93 | | 12/17/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/04/94 | | 09/04/94 | | 09/04/94 | | 09/04/94 | | 09/04/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.05 | | 10.02 | | 10.02 | | 10.02 | | 10.04 | |
| DRYWT | 1.65 | | 1.37 | | 1.81 | | 1.90 | | 1.28 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 16.4% | | 13.7% | | 18.0% | | 18.9% | | 12.8% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 18.74 | | 10.87 | | 15.31 | | 14.93 | | 6.24 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 55.4 | | 57.9 | | 51.0 | | 54.9 | | 52.3 | |
| ACEND10 | 60.2 | | 57.6 | | 54.8 | | 63.7 | | 57.9 | |
| PHEND10 | 58.0 | | 59.2 | | 55.2 | | 61.4 | | 60.4 | |
| CHRYD12 | 67.3 | | 59.0 | | 64.6 | | 70.3 | | 72.5 | |
| PERYD12 | 9.6 | Q | 16.1 | Q | 11.2 | Q | 8.1 | Q | 22.6 | |
| NAPHTHALENE * | 14.2 | | 23.4 | | 16.6 | | 14.7 | | 14.4 | |
| C1-NAPHTHALENES | 10.9 | | 15.9 | | 19.7 | | 11.3 | | 11.9 | J |
| C2-NAPHTHALENES | 29.0 | | 30.9 | | 15.6 | | 11.6 | | 11.5 | J |
| C3-NAPHTHALENES | 91.4 | | 52.4 | | 26.8 | | 24.4 | | 31.6 | |
| C4-NAPHTHALENES | 110.9 | | 61.2 | | 9.9 | J | 21.4 | | 18.3 | |
| BIPHENYL * | 6.8 | J | 9.5 | J | 7.2 | J | 4.6 | J | 4.0 | J |
| ACENAPHTHYLENE | 2.4 | J | 2.9 | J | 2.4 | J | 2.3 | J | 1.5 | J |
| ACENAPHTHENE * | 1.6 | J | 1.4 | J | 0.9 | J | 1.5 | J | 0.8 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | ABLR | | MBAR | | SAPP | | ESSP | | ESBD | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Aransas Bay | | Mesquite Bay | | San Antonio Bay | | Espiritu Santo | | Espiritu Santo | |
| SITE | Long Reef | | Ayres Reef | | Panther Point Reef | | South Pass Reef | | Bill Day's Reef | |
| LABSAMNO | K8032 | | K8020 | | K8026 | | K8030 | | K8028 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 4.8 | J | 6.1 | J | 4.6 | J | 3.6 | J | 2.1 | J |
| C1-FLUORENES | 35.2 | | 32.1 | | 17.1 | | 17.7 | | 17.3 | J |
| C2-FLUORENES | 173.4 | | | ND | | ND | | ND | | ND |
| C3-FLUORENES | 216.9 | | | ND | | ND | | ND | | ND |
| PHENANTHRENE * | 33.3 | | 37.9 | | 23.3 | | 16.3 | | 13.7 | |
| ANTHRACENE * | 4.4 | J | 4.1 | J | 2.3 | J | 1.7 | J | 1.8 | J |
| C1-PHEN_ANTHR | 82.1 | | 25.5 | | 14.2 | | 11.8 | | 10.1 | J |
| C2-PHEN_ANTHR | 114.0 | | 33.4 | | 23.1 | | 25.0 | | 21.6 | |
| C3-PHEN_ANTHR | 78.9 | | 43.0 | | 21.8 | | 33.9 | | 17.9 | |
| C4-PHEN_ANTHR | 31.1 | | 11.2 | J | 11.4 | | 11.3 | | | ND |
| DIBENZOTHIO | 2.8 | | 1.8 | J | 1.2 | J | 0.9 | J | 0.9 | J |
| C1-DIBEN | 18.7 | | 10.9 | | 3.7 | J | 3.4 | J | 4.7 | J |
| C2-DIBEN | 41.6 | | 25.0 | | 7.5 | | 8.3 | | 8.5 | |
| C3-DIBEN | 28.1 | | 20.3 | | 10.1 | | 10.6 | | 7.4 | |
| FLUORANTHENE * | 7.0 | | 42.5 | | 6.2 | | 5.2 | | 5.7 | |
| PYRENE * | 8.0 | | 24.6 | | 5.3 | | 4.6 | | 4.3 | |
| C1-FLUORAN_PYR | 14.8 | | 21.1 | | 5.2 | | 4.3 | | 4.0 | J |
| BENaANTHRACENE * | 1.2 | J | 8.5 | | 0.7 | J | 0.6 | J | 0.9 | J |
| CHRYSENE * | 3.6 | J | 16.3 | | 3.1 | J | 3.0 | J | 2.8 | J |
| C1-CHRYSENES | 3.2 | J | 6.1 | J | 1.6 | J | 1.5 | J | 1.9 | J |
| C2-CHRYSENES | 4.4 | J | 9.0 | J | 3.1 | J | 2.9 | J | 3.7 | J |
| C3-CHRYSENES | | ND | | ND | | ND | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | | ND | | ND | | ND |
| l BENb/BENkFLUORAN | 2.9 | | 16. 6 | | 3.3 | | 2.3 | | 2.7 | |
| BENePYRENE * | 1.7 | | 8.4 | | 2.1 | | 1.3 | J | 1.7 | J |
| BENaPYRENE * | 0.5 | J | 2.9 | J | 0.6 | J | 0.4 | J | 0.5 | J |
| PERYLENE * | 4.0 | | 10.9 | | 4.5 | | 4.4 | | 1.6 | J |
| I123cdPYRENE | 0.6 | J | 3.2 | | 0.7 | J | 0.4 | J | 0.6 | J |
| DBahANTHRA * | 0.4 | J | 2.6 | J | 0.4 | J | 0.3 | J | 0.4 | J |
| BghiPERYLENE | 0.9 | J | 3.4 | | 1.2 | J | 0.7 | J | 1.0 | J |
| TOTAL PAHs | 1185.3 | 0.0 | 608.0 | 0.0 | 277.4 | 0.0 | 268.3 | 0.0 | 231.9 | 0.0 |
| S&T Total PAHs (*) | 153.7 | | 244.2 | | 109.7 | | 86.0 | | 76.9 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | ABLR | | MBAR | | SAPP | | ESSP | | ESBD | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Aransas Bay | | Mesquite Bay | | San Antonio Bay | | Espiritu Santo | | Espiritu Santo | |
| SITE | Long Reef | | Ayres Reef | | Panther Point Reef | | South Pass Reef | | Bill Day's Reef | |
| LABSAMNO | K8032 | | K8020 | | K8026 | | K8030 | | K8028 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 6.5 | | 9.7 | | 13.0 | | 6.8 | | 6.9 | J |
| 1-METHYLNAPH * | 4.5 | | 6.1 | | 6.8 | | 4.5 | | 5.0 | J |
| 2,6-DIMETHNAPH * | 18.0 | | 15.2 | | 8.2 | | 8.3 | | 6.8 | |
| 1,6,7-TRIMETHNAPH * | 16.4 | | 8.2 | | 1.9 | J | 2.0 | J | 1.7 | J |
| 1-METHYLPHEN * | 17.0 | | 5.9 | J | 2.1 | J | 2.2 | J | 1.7 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | MBGP | | MBCB | | BRCL | | GBTD | | GBOB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Matagorda Bay | | Matagorda Bay | | Brazos River | | Galveston Bay | | Galveston Bay | |
| SITE | Gallinipper Point | | Carancahua Bay | | Cedar Lakes | | Todd's Dump | | Offats Bayou | |
| LABSAMNO | K8024 | | K8022 | | K8004 | | K8000 | | K8006 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/16/93 | | 12/16/93 | | 12/09/93 | | 12/09/93 | | 12/09/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/04/94 | | 09/04/94 | | 09/03/94 | | 09/03/94 | | 09/04/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.04 | | 10.05 | | 10.31 | | 10.38 | | 10.22 | |
| DRYWT | 1.65 | | 1.30 | | 1.43 | | 2.06 | | 2.03 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 16.4% | | 13.0% | | 13.8% | | 19.9% | | 19.9% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 14.69 | | 11.50 | | 4.41 | | 13.00 | | 12.13 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 50.1 | | 54.6 | | 47.3 | | 54.9 | | 47.5 | |
| ACEND10 | 57.9 | | 60.1 | | 58.6 | | 60.5 | | 53.2 | |
| PHEND10 | 59.1 | | 52.6 | | 58.4 | | 65.6 | | 55.7 | |
| CHRYD12 | 69.8 | | 67.1 | | 67.6 | | 72.8 | | 66.3 | |
| PERYD12 | 11.4 | Q | 17.1 | Q | 14.9 | Q | 18.7 | Q | 16.2 | Q |
| NAPHTHALENE * | 13.8 | | 13.9 | | 17.4 | | 12.4 | | 12.5 | |
| C1-NAPHTHALENES | 9.7 | J | 12.2 | J | 15.8 | | 14.5 | | 10.8 | |
| C2-NAPHTHALENES | 10.8 | | 27.2 | | 18.8 | | 22.2 | | 22.5 | |
| C3-NAPHTHALENES | 34.8 | | 154.0 | | 60.8 | | 111.9 | | 47.8 | |
| C4-NAPHTHALENES | 28.5 | | 252.1 | | 77.8 | | 134.9 | | 59.3 | |
| BIPHENYL * | 4.7 | J | 4.5 | J | 6.2 | J | 5.9 | J | 3.7 | J |
| ACENAPHTHYLENE | 1.6 | J | 10.3 | | 15.9 | | 3.5 | J | 7.7 | |
| ACENAPHTHENE * | 3.1 | J | 2.2 | J | 1.4 | J | 0.7 | J | 20.8 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | MBGP | | MBCB | | BRCL | | GBTD | | GBOB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Matagorda Bay | | Matagorda Bay | | Brazos River | | Galveston Bay | | Galveston Bay | |
| SITE | Gallinipper Point | | Carancahua Bay | | Cedar Lakes | | Todd's Dump | | Offats Bayou | |
| LABSAMNO | K8024 | | K8022 | | K8004 | | K8000 | | K8006 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 3.1 | J | 6.1 | J | 4.2 | J | 5.4 | J | 11.8 | |
| C1-FLUORENES | 24.1 | | 42.0 | | 27.0 | | 38.7 | | 37.6 | |
| C2-FLUORENES | | ND | 124.3 | | 88.8 | | 154.7 | | 117.9 | |
| C3-FLUORENES | | ND | 216.4 | | 185.4 | | 161.0 | | 144.3 | |
| PHENANTHRENE * | 23.2 | | 51.3 | | 20.4 | | 15.5 | | 55.7 | |
| ANTHRACENE * | 6.8 | | 7.0 | | 5.9 | | 9.3 | | 18.2 | |
| C1-PHEN_ANTHR | 23.0 | | 48.3 | | 37.9 | | 81.9 | | 75.9 | |
| C2-PHEN_ANTHR | 53.6 | | 100.6 | | 74.1 | | 144.8 | | 98.6 | |
| C3-PHEN_ANTHR | 65.4 | | 93.6 | | 121.2 | | 154.3 | | 115.8 | |
| C4-PHEN_ANTHR | 35.9 | | 48.4 | | 64.0 | | 60.7 | | 56.0 | |
| DIBENZOTHIO | 1.6 | J | 5.9 | | 2.3 | J | 2.6 | | 4.4 | |
| C1-DIBEN | 4.0 | J | 19.1 | | 8.9 | | 16.0 | | 7.7 | |
| C2-DIBEN | 24.7 | | 53.1 | | 39.0 | | 49.9 | | 43.7 | |
| C3-DIBEN | 25.0 | | 67.7 | | 60.9 | | 62.2 | | 53.5 | |
| FLUORANTHENE * | 34.6 | | 78.9 | | 29.7 | | 4.5 | | 165.8 | |
| PYRENE * | 18.2 | | 45.2 | | 41.8 | | 5.9 | | 117.0 | |
| C1-FLUORAN_PYR | 21.2 | | 41.9 | | 46.8 | | 21.1 | | 115.6 | |
| BENaANTHRACENE * | 5.6 | | 10.6 | | 6.6 | | 1.5 | | 47.0 | |
| CHRYSENE * | 13.1 | | 28.6 | | 16.0 | | 9.7 | | 74.6 | |
| C1-CHRYSENES | 5.4 | J | 7.7 | J | 22.9 | | 9.3 | | 26.9 | |
| C2-CHRYSENES | 3.0 | J | 4.4 | J | 11.5 | | 8.3 | | 16.7 | |
| C3-CHRYSENES | | ND | | ND | 2.8 | J | | ND | 2.0 | J |
| C4-CHRYSENES | | ND | | ND | 3.2 | J | | ND | 7.0 | J |
| 1 BENb/BENkFLUORAN | 13.9 | | 15.5 | | 15.9 | | 4.3 | | 69.3 | |
| BENePYRENE * | 6.3 | | 7.8 | | 11.0 | | 3.7 | | 31.9 | |
| BENaPYRENE * | 1.0 | J | 1.0 | J | 2.9 | J | 0.9 | J | 7.4 | |
| PERYLENE * | 23.8 | | 5.2 | | 8.0 | | 2.2 | J | 5.7 | |
| I123cdPYRENE | 2.2 | | 1.5 | | 3.3 | | 0.9 | | 9.1 | |
| DBahANTHRA * | 0.6 | J | 0.8 | J | 1.3 | J | 0.6 | J | 2.9 | |
| BghiPERYLENE | 2.8 | | 1.8 | J | 7.6 | | 1.6 | | 13.0 | |
| TOTAL PAHs | 549.0 | 0.0 | 1610.8 | 0.0 | 1185.3 | 0.0 | 1337.4 | 0.0 | 1738.2 | 0.0 |
| S&T Total PAHs (*) | 182.7 | | 326.0 | | 213.0 | | 143.4 | | 617.4 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | MBGP | | MBCB | | BRCL | | GBTD | | GBOB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Matagorda Bay | | Matagorda Bay | | Brazos River | | Galveston Bay | | Galveston Bay | |
| SITE | Gallinipper Point | | Carancahua Bay | | Cedar Lakes | | Todd's Dump | | Offats Bayou | |
| LABSAMNO | K8024 | | K8022 | | K8004 | | K8000 | | K8006 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 5.6 | J | 7.1 | J | 9.9 | | 10.8 | | 6.9 | |
| 1-METHYLNAPH * | 4.1 | J | 5.1 | J | 5.9 | | 3.7 | | 3.9 | |
| 2,6-DIMETHNAPH * | 7.6 | | 12.4 | | 10.4 | | 12.6 | | 12.0 | |
| 1,6,7-TRIMETHNAPH * | 2.9 | J | 25.6 | | 6.5 | J | 21.0 | | 6.1 | |
| 1-METHYLPHEN * | 4.5 | J | 12.8 | | 7.6 | | 17.2 | | 13.5 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | GBSC | | SLBB | | CLLC | | VBSP | | CLCL | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Galveston Bay | | Sabine Lake | | Calcasieu Lake | | Vermillion Bay | | Caillou Lake | |
| SITE | Ship Channel | | Blue Buck Point | | Lake Charles | | Southwest Pass | | Caillou Lake | |
| LABSAMNO | K8002 | | K8010 | | K8014 | | K8040 | | K8034 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/09/93 | | 12/10/93 | | 12/10/93 | | 01/13/94 | | 01/13/94 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1411 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/25/94 | | 07/21/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/03/94 | | 09/04/94 | | 09/04/94 | | 09/05/94 | | 09/04/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 5.04 | | 10.06 | | 10.01 | | 10.02 | | 10.04 | |
| DRYWT | 0.90 | | 1.54 | | 2.06 | | 0.96 | | 1.33 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 17.8% | | 15.3% | | 20.6% | | 9.5% | | 13.2% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 9.44 | | 9.66 | | 12.43 | | 15.05 | | 15.01 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 54.7 | | 47.3 | | 46.5 | | 64.2 | | 54.8 | |
| ACEND10 | 61.8 | | 57.0 | | 53.6 | | 60.4 | | 62.2 | |
| PHEND10 | 54.4 | | 54.0 | | 54.8 | | 55.0 | | 61.7 | |
| CHRYD12 | 69.7 | | 65.5 | | 68.4 | | 61.6 | | 68.4 | |
| PERYD12 | 12.4 | Q | 15.7 | Q | 12.9 | Q | 25.3 | | 16.5 | Q |
| NAPHTHALENE * | 31.1 | | 16.9 | | 12.6 | | 14.9 | | 19.2 | |
| C1-NAPHTHALENES | 28.5 | | 18.1 | | 18.5 | | 12.4 | J | 23.2 | |
| C2-NAPHTHALENES | 65.3 | | 25.7 | | 60.6 | | 18.6 | | 32.6 | |
| C3-NAPHTHALENES | 381.1 | | 95.7 | | 315.5 | | 47.5 | | 72.9 | |
| C4-NAPHTHALENES | 988.2 | | 198.3 | | 626.8 | | 73.4 | | 81.1 | |
| BIPHENYL * | 11.6 | J | 6.7 | J | 8.6 | | 9.4 | J | 5.7 | J |
| ACENAPHTHYLENE | 27.6 | | 7.5 | | 6.4 | | 1.4 | J | 1.2 | J |
| ACENAPHTHENE * | 8.4 | J | 3.3 | J | 10.4 | | 2.3 | J | 2.9 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | GBSC | | SLBB | | CLLC | | VBSP | | CLCL | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Galveston Bay | | Sabine Lake | | Calcasieu Lake | | Vermillion Bay | | Caillou Lake | |
| SITE | Ship Channel | | Blue Buck Point | | Lake Charles | | Southwest Pass | | Caillou Lake | |
| LABSAMNO | K8002 | | K8010 | | K8014 | | K8040 | | K8034 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 7.6 | J | 4.4 | J | 14.9 | | 4.7 | J | 5.7 | J |
| C1-FLUORENES | 121.1 | | 35.1 | | 87.1 | | 33.3 | | 40.5 | |
| C2-FLUORENES | 555.7 | | 156.0 | | 450.1 | | 85.5 | | | ND |
| C3-FLUORENES | 1103.1 | | 241.2 | | 555.0 | | 211.2 | | | ND |
| PHENANTHRENE * | 49.6 | | 27.9 | | 43.4 | | 25.2 | | 22.9 | |
| ANTHRACENE * | 31.5 | | 16.0 | | 25.4 | | 1.8 | J | 2.6 | J |
| C1-PHEN_ANTHR | 197.1 | | 77.7 | | 191.3 | | 24.4 | | 34.0 | |
| C2-PHEN_ANTHR | 700.0 | | 186.7 | | 606.1 | | 54.5 | | 62.9 | |
| C3-PHEN_ANTHR | 2296.9 | | 260.0 | | 775.6 | | 55.4 | | 63.6 | |
| C4-PHEN_ANTHR | 2063.8 | | 112.8 | | 394.5 | | 34.8 | | 24.7 | |
| DIBENZOTHIO | 11.1 | | 2.4 | J | 13.7 | | 3.7 | J | 1.9 | J |
| C1-DIBEN | 102.4 | | 25.4 | | 65.2 | | 14.5 | | 10.9 | |
| C2-DIBEN | 274.2 | | 108.6 | | 277.7 | | 32.5 | | 31.3 | |
| C3-DIBEN | 1011.0 | | 152.6 | | 390.1 | | 40.9 | | 26.9 | |
| FLUORANTHENE * | 164.3 | | 37.5 | | 201.8 | | 13.6 | | 11.9 | |
| PYRENE * | 453.2 | | 44.6 | | 291.8 | | 16.4 | | 14.0 | |
| C1-FLUORAN_PYR | 1008.9 | | 67.4 | | 300.0 | | 27.7 | | 14.8 | |
| BENaANTHRACENE * | 65.0 | | 5.8 | | 19.6 | | 1.2 | J | 2.2 | J |
| CHRYSENE * | 238.2 | | 17.9 | | 90.1 | | 4.9 | J | 4.2 | J |
| C1-CHRYSENES | 466.8 | | 19.1 | | 83.1 | | 4.2 | J | 3.7 | J |
| C2-CHRYSENES | 394.6 | | 20.7 | | 58.6 | | 10.4 | J | 5.6 | J |
| C3-CHRYSENES | 23.5 | | 3.5 | J | 3.2 | J | | ND | | ND |
| C4-CHRYSENES | 12.0 | J | 3.7 | J | 4.3 | J | | ND | | ND |
| BENb/BENkFLUORAN | 219.2 | | 9.8 | | 26.1 | | 2.4 | | 3.4 | |
| BENePYRENE * | 207.8 | | 10.0 | | 27.2 | | 2.1 | J | 2.4 | |
| BENaPYRENE * | 22.4 | | 1.3 | J | 5.4 | | 0.4 | J | 0.7 | J |
| PERYLENE * | 66.5 | | 21.8 | | 27.4 | | 6.7 | | 8.4 | |
| I123cdPYRENE | 10.1 | | 1.2 | | 4.5 | | 0.3 | J | 0.6 | J |
| DBahANTHRA * | 7.4 | | 1.2 | J | 3.8 | | 0.1 | J | 0.4 | J |
| BghiPERYLENE | 39.9 | | 2.9 | | 6.2 | | 0.5 | J | 1.2 | J |
| TOTAL PAHs | 13466.4 | 0.0 | 2047.2 | 0.0 | 6102.7 | 0.0 | 892.8 | 0.0 | 640.0 | 0.0 |
| S&T Total PAHs (*) | 1477.3 | | 275.1 | | 931.6 | | 145.7 | | 160.3 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | GBSC | | SLBB | | CLLC | | VBSP | | CLCL | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Galveston Bay | | Sabine Lake | | Calcasieu Lake | | Vermillion Bay | | Caillou Lake | |
| SITE | Ship Channel | | Blue Buck Point | | Lake Charles | | Southwest Pass | | Caillou Lake | |
| LABSAMNO | K8002 | | K8010 | | K8014 | | K8040 | | K8034 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 15.5 | | 11.9 | | 10.1 | | 7.5 | J | 14.9 | |
| 1-METHYLNAPH * | 13.0 | | 6.2 | | 8.5 | | 4.9 | J | 8.4 | |
| 2,6-DIMETHNAPH * | 17.8 | | 10.2 | | 22.1 | | 11.6 | | 16.0 | |
| 1,6,7-TRIMETHNAPH * | 32.1 | | 14.2 | | 54.6 | | 13.0 | | 10.7 | |
| 1-METHYLPHEN * | 34.5 | | 17.4 | | 54.0 | | 5.0 | J | 7.2 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBLF | | MRPL | | BSSI | | BSSI | | LBMP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Terrebonne Bay | | Mississippi River | | Breton Sound | | Breton Sound | | Lake Borgne | |
| SITE | Lake Felicity | | Pass a Loutre | | Sable Island | | Sable Island | | Malheureux Point | |
| LABSAMNO | K8036 | | K8042 | | K8038 | | K8038 | | K8044 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/13/94 | | 01/15/93 | | 01/15/93 | | 01/15/93 | | 01/15/93 | |
| QCBATCH | M1410 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/21/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/04/94 | | 09/05/94 | | 09/05/94 | | 09/05/94 | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.01 | | 10.05 | | 10.03 | | 10.03 | | 10.03 | |
| DRYWT | 1.82 | | 0.46 | | 0.75 | | 0.75 | | 0.87 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 18.2% | | 4.5% | | 7.4% | | 7.4% | | 8.6% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 13.19 | | 11.53 | | 17.40 | | 17.40 | | 15.57 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 62.1 | | 63.8 | | 63.8 | | 63.8 | | 61.4 | |
| ACEND10 | 65.5 | | 60.5 | | 57.7 | | 57.7 | | 63.5 | |
| PHEND10 | 63.8 | | 61.5 | | 61.1 | | 61.1 | | 59.8 | |
| CHRYD12 | 66.5 | | 59.6 | | 56.9 | | 56.9 | | 63.4 | |
| PERYD12 | 5.4 | Q | 18.9 | Q | 19.1 | Q | 19.1 | Q | 21.2 | |
| NAPHTHALENE * | 12.1 | | 29.3 | | 26.2 | | 26.2 | | 21.6 | |
| C1-NAPHTHALENES | 10.3 | | 39.0 | | 27.3 | | 27.3 | | 14.4 | J |
| C2-NAPHTHALENES | 9.9 | | 72.9 | | 83.2 | | 83.2 | | 13.7 | J |
| C3-NAPHTHALENES | 18.2 | | 192.0 | | 282.3 | | 282.3 | | 44.2 | |
| C4-NAPHTHALENES | 21.8 | | 278.7 | | 468.4 | | 468.4 | | 47.6 | |
| BIPHENYL * | 4.5 | J | 9.0 | J | 15.5 | J | 15.5 | J | 8.2 | J |
| ACENAPHTHYLENE | 0.9 | J | 5.6 | J | 3.6 | J | 3.6 | J | 1.0 | J |
| ACENAPHTHENE * | 3.0 | J | 1.1 | J | 5.0 | J | 5.0 | J | 1.6 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBLF | | MRPL | | BSSI | | BSSI | | LBMP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Terrebonne Bay | | Mississippi River | | Breton Sound | | Breton Sound | | Lake Borgne | |
| SITE | Lake Felicity | | Pass a Loutre | | Sable Island | | Sable Island | | Malheureux Point | |
| LABSAMNO | K8036 | | K8042 | | K8038 | | K8038 | | K8044 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 3.5 | J | 10.5 | J | 16.5 | | 16.5 | | 6.0 | J |
| C1-FLUORENES | 12.7 | J | 87.1 | | 106.6 | | 106.6 | | | ND |
| C2-FLUORENES | | ND | 230.7 | | 251.9 | | 251.9 | | | ND |
| C3-FLUORENES | | ND | 551.7 | | 502.0 | | 502.0 | | | ND |
| PHENANTHRENE * | 27.8 | | 30.3 | | 67.6 | | 67.6 | | 11.6 | |
| ANTHRACENE * | 2.7 | J | 4.7 | J | 6.8 | J | 6.8 | J | 1.3 | J |
| C1-PHEN_ANTHR | 10.9 | | 97.9 | | 183.9 | | 183.9 | | 28.2 | |
| C2-PHEN_ANTHR | 30.9 | | 549.1 | | 627.1 | | 627.1 | | 39.7 | |
| C3-PHEN_ANTHR | 25.9 | | 801.4 | | 464.8 | | 464.8 | | 49.8 | |
| C4-PHEN_ANTHR | 11.0 | | 612.3 | | 297.7 | | 297.7 | | 31.5 | |
| DIBENZOTHIO | 1.3 | J | 4.6 | J | 9.5 | | 9.5 | | 5.6 | |
| C1-DIBEN | 4.4 | | 53.0 | | 54.6 | | 54.6 | | 6.6 | J |
| C2-DIBEN | 12.7 | | 306.4 | | 261.2 | | 261.2 | | 19.5 | |
| C3-DIBEN | 13.1 | | 633.0 | | 347.6 | | 347.6 | | 20.8 | |
| FLUORANTHENE * | 10.7 | | 58.0 | | 59.9 | | 59.9 | | 7.0 | |
| PYRENE * | 7.8 | | 125.9 | | 82.1 | | 82.1 | | 5.8 | |
| C1-FLUORAN_PYR | 8.4 | | 168.4 | | 119.3 | | 119.3 | | 16.1 | |
| BENaANTHRACENE * | 2.1 | | 23.5 | | 11.5 | | 11.5 | | 1.1 | J |
| CHRYSENE * | 6.5 | | 72.0 | | 63.2 | | 63.2 | | 4.5 | J |
| C1-CHRYSENES | 2.9 | J | 82.4 | | 63.0 | | 63.0 | | 2.7 | J |
| C2-CHRYSENES | 3.4 | J | 86.0 | | 36.1 | | 36.1 | | 6.2 | J |
| C3-CHRYSENES | | ND | | ND | | ND | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | | ND | | ND | | ND |
| I BENb/BENkFLUORAN | 4.5 | | 58.3 | | 19.7 | | 19.7 | | 1.9 | |
| BENePYRENE * | 2.3 | | 48.1 | | 20.1 | | 20.1 | | 2.0 | J |
| BENaPYRENE * | 0.5 | J | 4.5 | J | 2.0 | J | 2.0 | J | 0.3 | J |
| PERYLENE * | 10.3 | | 191.5 | | 43.0 | | 43.0 | | 4.6 | J |
| I123cdPYRENE | 0.5 | J | 7.2 | | 1.8 | J | 1.8 | J | 0.2 | J |
| DBahANTHRA * | 0.4 | J | 2.6 | J | 0.8 | J | 0.8 | J | 0.1 | J |
| BghiPERYLENE | 1.0 | J | 14.5 | | 2.7 | J | 2.7 | J | 0.6 | J |
| TOTAL PAHs | 299.2 | 0.0 | 5543.0 | 0.0 | 4634.5 | 0.0 | 4634.5 | 0.0 | 425.8 | 0.0 |
| S&T Total PAHs (*) | 115.3 | | 747.0 | | 592.3 | | 592.3 | | 104.4 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBLF | | MRPL | | BSSI | | BSSI | | LBMP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Terrebonne Bay | | Mississippi River | | Breton Sound | | Breton Sound | | Lake Borgne | |
| SITE | Lake Felicity | | Pass a Loutre | | Sable Island | | Sable Island | | Malheureux Point | |
| LABSAMNO | K8036 | | K8042 | | K8038 | | K8038 | | K8044 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 5.7 | | 23.5 | | 16.4 | | 16.4 | | 7.8 | J |
| 1-METHYLNAPH * | 4.7 | | 15.5 | | 10.9 | | 10.9 | | 6.6 | J |
| 2,6-DIMETHNAPH * | 6.7 | | 34.3 | | 43.3 | | 43.3 | | 5.4 | J |
| 1,6,7-TRIMETHNAPH * | 1.9 | J | 36.9 | | 47.0 | | 47.0 | | 5.8 | J |
| 1-METHYLPHEN * | 2.0 | J | 26.0 | | 54.5 | | 54.5 | | 3.2 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LBNO | | MSPC | | MSPB | | MBCP | | MBHI | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Lake Borgne | | Mississippi Sound | | Mississippi Sound | | Mobile Bay | | Mobile Bay | |
| SITE | New Orleans | | Pass Christian | | Pascagoula Bay | | Cedar Point Reef | | Hollingers Is. Channel | |
| LABSAMNO | K8046 | | K8052 | | K8054 | | K8048 | | K8050 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/15/93 | | 01/16/94 | | 01/16/94 | | 01/16/94 | | 01/16/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | 09/05/94 | | 09/05/94 | | 09/05/94 | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.02 | | 10.01 | | 10.02 | | 10.02 | | 10.03 | |
| DRYWT | 0.92 | | 1.29 | | 0.83 | | 1.64 | | 1.26 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 9.2% | | 12.9% | | 8.2% | | 16.4% | | 12.6% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 17.06 | | 12.58 | | 11.65 | | 20.34 | | 14.78 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 46.1 | | 64.2 | | 51.7 | | 59.6 | | 48.2 | |
| ACEND10 | 49.2 | | 61.1 | | 59.9 | | 56.4 | | 54.6 | |
| PHEND10 | 44.6 | | 53.4 | | 55.1 | | 54.2 | | 52.0 | |
| CHRYD12 | 44.7 | | 62.1 | | 66.6 | | 64.8 | | 63.8 | |
| PERYD12 | 16.4 | Q | 25.8 | | 22.2 | | 27.6 | | 21.5 | |
| NAPHTHALENE * | 28.5 | | 20.4 | | 134.0 | | 28.5 | | 19.1 | |
| C1-NAPHTHALENES | 17.0 | J | 15.7 | | 186.2 | | 36.7 | | 19.9 | |
| C2-NAPHTHALENES | 23.7 | | 10.7 | J | 142.9 | | 39.8 | | 52.7 | |
| C3-NAPHTHALENES | 40.1 | | 30.1 | | 210.2 | | 54.8 | | 112.3 | |
| C4-NAPHTHALENES | 51.5 | | 28.2 | | 239.9 | | 49.4 | | 122.7 | |
| BIPHENYL * | 6.9 | J | 7.4 | J | 11.4 | J | 7.8 | J | 6.3 | J |
| ACENAPHTHYLENE | 0.9 | J | 3.0 | J | 8.5 | J | 2.6 | J | 2.9 | J |
| ACENAPHTHENE * | 4.4 | J | 7.6 | | 16.9 | | 4.8 | J | 5.2 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LBNO | | MSPC | | MSPB | | MBCP | | MBHI | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Lake Borgne | | Mississippi Sound | | Mississippi Sound | | Mobile Bay | | Mobile Bay | |
| SITE | New Orleans | | Pass Christian | | Pascagoula Bay | | Cedar Point Reef | | Hollingers Is. Channel | |
| LABSAMNO | K8046 | | K8052 | | K8054 | | K8048 | | K8050 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 7.1 | J | 11.4 | | 25.9 | | 12.0 | | 9.2 | J |
| C1-FLUORENES | | ND | 18.8 | | 56.3 | | 31.9 | | 40.8 | |
| C2-FLUORENES | | ND | 49.1 | | 159.0 | | 62.0 | | 115.4 | |
| C3-FLUORENES | | ND | 115.6 | | 381.3 | | 183.9 | | 296.7 | |
| PHENANTHRENE * | 21.0 | | 53.7 | | 126.1 | | 41.0 | | 54.9 | |
| ANTHRACENE * | 2.7 | J | 5.7 | J | 10.3 | | 5.1 | | 8.9 | |
| C1-PHEN_ANTHR | 34.7 | | 41.6 | | 186.9 | | 64.3 | | 87.9 | |
| C2-PHEN_ANTHR | 69.0 | | 48.9 | | 405.4 | | 91.3 | | 208.2 | |
| C3-PHEN_ANTHR | 61.8 | | 52.4 | | 368.2 | | 85.2 | | 141.3 | |
| C4-PHEN_ANTHR | 34.2 | | 57.6 | | 255.7 | | 49.4 | | 174.9 | |
| DIBENZOTHIO | 5.2 | | 6.9 | | 16.0 | | 4.9 | | 8.6 | |
| C1-DIBEN | 9.3 | | 14.0 | | 23.5 | | 12.1 | | 36.1 | |
| C2-DIBEN | 22.5 | | 42.4 | | 135.0 | | 56.5 | | 204.6 | |
| C3-DIBEN | 20.1 | | 45.8 | | 143.0 | | 51.8 | | 162.4 | |
| FLUORANTHENE * | 16.4 | | 47.4 | | 227.3 | | 38.3 | | 170.8 | |
| PYRENE * | 19.2 | | 34.4 | | 177.2 | | 24.9 | | 157.1 | |
| C1-FLUORAN_PYR | 21.5 | | 37.2 | | 168.1 | | 36.2 | | 123.4 | |
| BENaANTHRACENE * | 1.8 | J | 7.5 | | 31.4 | | 2.4 | | 15.6 | |
| CHRYSENE * | 6.3 | J | 22.7 | | 58.1 | | 11.8 | | 53.4 | |
| C1-CHRYSENES | 3.8 | J | 7.3 | J | 22.8 | | 4.4 | J | 17.1 | |
| C2-CHRYSENES | 7.9 | J | 7.4 | J | 13.8 | J | 9.1 | J | 18.2 | |
| C3-CHRYSENES | | ND | | ND | | ND | | ND | 1.5 | J |
| C4-CHRYSENES | | ND | | ND | | ND | | ND | 4.0 | J |
| 1 BENb/BENkFLUORAN | 3.0 | | 9.3 | | 24.9 | | 3.6 | | 23.3 | |
| BENePYRENE * | 2.9 | | 5.7 | | 12.7 | | 3.5 | | 18.4 | |
| BENaPYRENE * | 0.2 | J | 0.9 | J | 2.1 | J | 0.2 | J | 1.5 | J |
| PERYLENE * | 2.3 | J | 2.7 | J | 9.2 | | 1.8 | J | 9.1 | |
| I123cdPYRENE | 0.9 | J | 1.0 | J | 2.3 | | 0.4 | J | 1.4 | J |
| DBahANTHRA * | 0.2 | J | 0.3 | J | 0.5 | J | 0.1 | J | 0.6 | J |
| BghiPERYLENE | 1.1 | J | 1.6 | J | 3.3 | J | 1.0 | J | 3.2 | |
| TOTAL PAHs | 548.0 | 0.0 | 872.6 | 0.0 | 3996.1 | 0.0 | 1113.2 | 0.0 | 2509.8 | 0.0 |
| S&T Total PAHs (*) | 155.0 | | 265.4 | | 1175.7 | | 267.8 | | 615.5 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | LBNO | | MSPC | | MSPB | | MBCP | | MBHI | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Lake Borgne | | Mississippi Sound | | Mississippi Sound | | Mobile Bay | | Mobile Bay | |
| SITE | New Orleans | | Pass Christian | | Pascagoula Bay | | Cedar Point Reef | | Hollingers Is. Channel | |
| LABSAMNO | K8046 | | K8052 | | K8054 | | K8048 | | K8050 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 9.7 | J | 9.6 | | 121.6 | | 24.6 | | 11.7 | |
| 1-METHYLNAPH * | 7.4 | J | 6.1 | | 64.6 | | 12.0 | | 8.3 | |
| 2,6-DIMETHNAPH * | 10.3 | | 6.9 | | 57.5 | | 25.6 | | 21.6 | |
| 1,6,7-TRIMETHNAPH * | 4.6 | J | 4.9 | J | 40.7 | | 10.6 | | 20.0 | |
| 1-METHYLPHEN * | 3.3 | J | 10.0 | | 48.3 | | 12.9 | | 23.8 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PBPH | | PBIB | | CBJB | | CBBL | | CBPP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Pensacola Bay | | Pensacola Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | |
| SITE | Public Harbor | | Indian Bayou | | Joe's Bayou | | Ben's Lake | | Postil Point | |
| LABSAMNO | K8058 | | K8056 | | K8066 | | K8064 | | K8060 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/17/94 | | 01/17/94 | | 01/19/94 | | 01/19/94 | | 01/17/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/06/94 | | 09/05/94 | | 09/06/94 | | 09/06/94 | | 09/06/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.05 | | 10.01 | | 10.04 | | 10.03 | | 10.03 | |
| DRYWT | 1.41 | | 0.67 | | 0.84 | | 0.94 | | 1.14 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 14.1% | | 6.7% | | 8.4% | | 9.4% | | 11.4% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 19.29 | | 12.90 | | 9.42 | | 5.87 | | 12.23 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 45.1 | | 56.1 | | 50.3 | | 57.6 | | 45.7 | |
| ACEND10 | 47.0 | | 60.3 | | 58.7 | | 61.1 | | 56.9 | |
| PHEND10 | 46.1 | | 61.8 | | 58.1 | | 57.4 | | 56.4 | |
| CHRYD12 | 53.7 | | 70.1 | | 65.7 | | 61.3 | | 60.2 | |
| PERYD12 | 22.4 | | 22.9 | | 24.0 | | 27.9 | | 18.1 | Q |
| NAPHTHALENE * | 20.6 | | 35.0 | | 55.0 | | 27.4 | | 27.4 | |
| C1-NAPHTHALENES | 22.0 | | 40.8 | | 72.9 | | 28.2 | | 36.1 | |
| C2-NAPHTHALENES | 26.3 | | 29.2 | | 76.7 | | 29.7 | | 49.5 | |
| C3-NAPHTHALENES | 48.2 | | 55.8 | | 118.5 | | 38.5 | | 88.0 | |
| C4-NAPHTHALENES | 56.4 | | 41.6 | | 123.0 | | 15.7 | J | 120.4 | |
| BIPHENYL * | 8.5 | J | 11.1 | J | 10.7 | J | 6.8 | J | 6.1 | J |
| ACENAPHTHYLENE | 3.0 | J | 2.7 | J | 7.5 | J | 1.3 | J | 3.2 | J |
| ACENAPHTHENE * | 7.9 | | 4.9 | J | 62.3 | | 14.9 | | 11.3 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PBPH | | PBIB | | CBJB | | CBBL | | CBPP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Pensacola Bay | | Pensacola Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | |
| SITE | Public Harbor | | Indian Bayou | | Joe's Bayou | | Ben's Lake | | Postil Point | |
| LABSAMNO | K8058 | | K8056 | | K8066 | | K8064 | | K8060 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 12.2 | | 12.0 | J | 58.1 | | 14.1 | | 13.2 | |
| C1-FLUORENES | 26.8 | | | ND | 44.3 | | 12.7 | J | 39.1 | |
| C2-FLUORENES | 89.3 | | | ND | 104.9 | | 35.9 | | 175.3 | |
| C3-FLUORENES | 158.0 | | | ND | 263.6 | | | ND | 575.9 | |
| PHENANTHRENE * | 55.4 | | 35.6 | | 134.8 | | 46.9 | | 61.9 | |
| ANTHRACENE * | 7.3 | | 4.6 | J | 21.1 | | 4.7 | J | 14.6 | |
| C1-PHEN_ANTHR | 44.1 | | 29.5 | | 117.1 | | 31.2 | | 187.5 | |
| C2-PHEN_ANTHR | 74.6 | | 49.1 | | 211.3 | | 49.3 | | 746.2 | |
| C3-PHEN_ANTHR | 71.8 | | 51.2 | | 231.2 | | 63.2 | | 688.8 | |
| C4-PHEN_ANTHR | 75.8 | | 30.8 | | 160.7 | | 123.6 | | 439.8 | |
| DIBENZOTHIO | 4.2 | | 3.1 | J | 15.9 | | 3.9 | J | 7.6 | |
| C1-DIBEN | 10.7 | | 8.0 | J | 24.6 | | 5.6 | J | 31.8 | |
| C2-DIBEN | 38.9 | | 14.3 | | 118.2 | | 21.3 | | 437.1 | |
| C3-DIBEN | 53.9 | | 18.2 | | 159.1 | | 25.9 | | 681.4 | |
| FLUORANTHENE * | 99.1 | | 47.0 | | 458.6 | | 98.7 | | 101.2 | |
| PYRENE * | 51.7 | | 27.5 | | 382.0 | | 55.6 | | 86.1 | |
| C1-FLUORAN_PYR | 62.9 | | 37.3 | | 236.5 | | 41.3 | | 197.4 | |
| BENaANTHRACENE * | 13.3 | | 5.4 | | 88.1 | | 11.1 | | 21.5 | |
| CHRYSENE * | 44.2 | | 18.0 | | 268.9 | | 34.3 | | 61.0 | |
| C1-CHRYSENES | 11.5 | | 7.0 | J | 65.0 | | 13.3 | J | 60.0 | |
| C2-CHRYSENES | 8.5 | J | 8.2 | J | 26.1 | | 8.1 | J | 44.5 | |
| C3-CHRYSENES | | ND | | ND | 4.4 | J | | ND | 4.0 | J |
| C4-CHRYSENES | | ND | | ND | 12.9 | J | | ND | 5.9 | J |
| BENb/BENkFLUORAN | 2.72 | | 16.4 | | 227.9 | | 2.92 | | 24 | |
| BENePYRENE * | 11.2 | | 7.9 | | 94.3 | | 11.1 | | 19.1 | |
| BENaPYRENE * | 1.0 | J | 1.9 | J | 17.8 | | 1.8 | J | 3.5 | J |
| PERYLENE * | 2.8 | J | 4.0 | J | 15.9 | | 2.6 | J | 8.6 | |
| I123cdPYRENE | 1.0 | J | 3.0 | | 30.2 | | 3.0 | | 3.2 | |
| DBahANTHRA * | 0.4 | J | 0.5 | J | 7.0 | | 0.6 | J | 1.5 | J |
| BghiPERYLENE | 1.8 | J | 4.1 | J | 43.1 | | 5.1 | | 7.2 | |
| TOTAL PAHs | 1225.2 | 0.0 | 665.3 | 0.0 | 4170.3 | 0.0 | 887.3 | 0.0 | 5066.8 | 0.0 |
| S&T Total PAHs (*) | 390.3 | | 283.6 | | 1825.7 | | 382.5 | | 545.2 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PBPH | | PBIB | | CBJB | | CBBL | | CBPP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Pensacola Bay | | Pensacola Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | |
| SITE | Public Harbor | | Indian Bayou | | Joe's Bayou | | Ben's Lake | | Postil Point | |
| LABSAMNO | K8058 | | K8056 | | K8066 | | K8064 | | K8060 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 12.8 | | 21.5 | | 41.8 | | 15.6 | | 20.9 | |
| 1-METHYLNAPH * | 9.2 | | 19.4 | | 31.1 | | 12.6 | | 15.2 | |
| 2,6-DIMETHNAPH * | 11.8 | | 13.3 | | 29.4 | | 9.7 | | 15.7 | |
| 1,6,7-TRIMETHNAPH * | 7.4 | J | 7.8 | J | 17.5 | | 6.5 | J | 10.2 | |
| 1-METHYLPHEN * | 13.7 | | 6.5 | J | 31.1 | | 7.6 | J | 46.3 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBB | | PCLO | | AESP | | CKBP | | TBOT | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Choctawhatchee Bay | | Panama City | | Apalachee Bay | | Cedar Key | | Tampa Bay | |
| SITE | Boggy Bayou | | Little Oyster Bar | | Spring Creek | | Black Point | | Old Tampa Bay | |
| LABSAMNO | K8062 | | K8068 | | K8070 | | K8072 | | K8080 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/17/94 | | 01/19/94 | | 01/20/94 | | 01/20/94 | | 01/21/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1412 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/06/94 | | 09/06/94 | | 09/06/94 | | 09/06/94 | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.02 | | 10.42 | | 10.00 | | 10.00 | | 10.27 | |
| DRYWT | 1.11 | | 0.71 | | 0.71 | | 0.79 | | 0.80 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 11.1% | | 6.8% | | 7.0% | | 7.9% | | 7.8% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 14.70 | | 32.15 | | 12.17 | | 9.04 | | 3.77 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 57.6 | | 56.3 | | 43.9 | | 58.4 | | 47.3 | |
| ACEND10 | 61.8 | | 60.4 | | 52.6 | | 57.7 | | 52.1 | |
| PHEND10 | 68.3 | | 60.2 | | 49.1 | | 60.5 | | 56.6 | |
| CHRYD12 | 74.0 | | 73.9 | | 59.9 | | 63.1 | | 62.6 | |
| PERYD12 | 16.1 | Q | 27.8 | | 23.3 | | 30.1 | | 22.5 | |
| NAPHTHALENE * | 31.6 | | 35.5 | | 71.8 | | 50.9 | | 28.6 | |
| C1-NAPHTHALENES | 36.7 | | 32.4 | | 63.7 | | 37.1 | | 31.8 | |
| C2-NAPHTHALENES | 42.0 | | 30.4 | | 34.1 | | 28.1 | | 31.6 | |
| C3-NAPHTHALENES | 59.3 | | 47.5 | | 46.4 | | 44.7 | | 59.0 | |
| C4-NAPHTHALENES | 60.1 | | 56.7 | | 54.1 | | 26.3 | J | 35.0 | |
| BIPHENYL * | 8.0 | J | 10.5 | J | 11.5 | J | 11.8 | J | 8.2 | J |
| ACENAPHTHYLENE | 8.6 | J | 4.4 | J | 1.4 | J | 0.5 | J | 1.6 | J |
| ACENAPHTHENE * | 26.1 | | 4.8 | J | 1.7 | J | 2.3 | J | 3.9 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBB | | PCLO | | AESP | | CKBP | | TBOT | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Choctawhatchee Bay | | Panama City | | Apalachee Bay | | Cedar Key | | Tampa Bay | |
| SITE | Boggy Bayou | | Little Oyster Bar | | Spring Creek | | Black Point | | Old Tampa Bay | |
| LABSAMNO | K8062 | | K8068 | | K8070 | | K8072 | | K8080 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 27.7 | | 17.2 | | 9.4 | J | 6.6 | J | 8.1 | J |
| C1-FLUORENES | 30.7 | | 32.5 | J | | ND | 13.4 | J | 23.2 | J |
| C2-FLUORENES | 76.0 | | 92.9 | | | ND | 46.6 | | | ND |
| C3-FLUORENES | 165.4 | | 264.3 | | | ND | 75.7 | | | ND |
| PHENANTHRENE * | 98.7 | | 114.3 | | 21.2 | | 17.9 | | 39.7 | |
| ANTHRACENE * | 15.4 | | 11.4 | J | 2.1 | J | 1.4 | J | 4.2 | J |
| C1-PHEN_ANTHR | 82.5 | | 78.5 | | | ND | 15.9 | J | 50.3 | |
| C2-PHEN_ANTHR | 111.0 | | 87.6 | | | ND | 30.4 | | 49.0 | |
| C3-PHEN_ANTHR | 94.2 | | 108.4 | | | ND | 22.7 | | 80.3 | |
| C4-PHEN_ANTHR | 107.3 | | 94.8 | | | ND | 14.8 | J | 31.5 | |
| DIBENZOTHIO | 7.9 | | 7.2 | | 2.4 | J | 1.8 | J | 2.6 | J |
| C1-DIBEN | 15.8 | | 11.5 | | | ND | | ND | 4.9 | J |
| C2-DIBEN | 44.0 | | 60.2 | | | ND | | ND | 16.8 | |
| C3-DIBEN | 54.6 | | 41.5 | | | ND | | ND | 21.0 | |
| FLUORANTHENE * | 194.8 | | 246.8 | | 26.0 | | 12.9 | | 87.6 | |
| PYRENE * | 128.3 | | 116.4 | | 11.9 | | 7.3 | | 57.2 | |
| C1-FLUORAN_PYR | 105.7 | | 72.1 | | 18.6 | | 12.5 | | 24.4 | |
| BENaANTHRACENE * | 32.6 | | 10.9 | | 3.3 | J | 1.5 | J | 7.1 | |
| CHRYSENE * | 83.2 | | 100.0 | | 8.3 | J | 5.1 | J | 28.8 | |
| C1-CHRYSENES | 34.6 | | 22.0 | | 9.6 | J | | ND | 7.0 | J |
| C2-CHRYSENES | 15.6 | | 11.3 | J | 11.5 | J | | ND | 6.5 | J |
| C3-CHRYSENES | 2.2 | J | | ND | | ND | | ND | | ND |
| C4-CHRYSENES | 10.7 | J | | ND | | ND | | ND | | ND |
| I BENb/BENkFLUORAN | 49.4 | | 51.5 | | 8. 2 | | 3.1 | | 19.9 | |
| BENePYRENE * | 25.6 | | 24.9 | | 4.5 | | 2.4 | J | 11.4 | |
| BENaPYRENE * | 6.0 | | 2.0 | J | 1.2 | J | 0.5 | J | 1.3 | J |
| PERYLENE * | 12.0 | | 2.6 | J | 2.9 | J | 2.4 | J | 2.3 | J |
| I123cdPYRENE | 7.4 | | 4.5 | | 1.4 | J | 0.6 | J | 1.4 | J |
| DBahANTHRA * | 2.5 | J | 1.0 | J | 1.0 | J | 0.2 | J | 0.4 | J |
| BghiPERYLENE | 10.0 | | 5.8 | | 2.1 | J | 1.4 | J | 3.3 | J |
| TOTAL PAHs | 1923.8 | 0.0 | 1915.9 | 0.0 | 421.9 | 0.0 | 498.6 | 0.0 | 789.6 | 0.0 |
| S&T Total PAHs (*) | 772.9 | | 781.1 | | 269.6 | | 177.9 | | 348.5 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBB | | PCLO | | AESP | | CKBP | | TBOT | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Choctawhatchee Bay | | Panama City | | Apalachee Bay | | Cedar Key | | Tampa Bay | |
| SITE | Boggy Bayou | | Little Oyster Bar | | Spring Creek | | Black Point | | Old Tampa Bay | |
| LABSAMNO | K8062 | | K8068 | | K8070 | | K8072 | | K8080 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 23.2 | | 18.0 | | 34.0 | | 20.8 | | 18.2 | |
| 1-METHYLNAPH * | 13.5 | | 14.3 | | 29.7 | | 16.4 | | 13.6 | |
| 2,6-DIMETHNAPH * | 18.6 | | 11.2 | J | 13.8 | | 9.8 | J | 15.8 | |
| 1,6,7-TRIMETHNAPH * | 4.6 | J | 3.3 | J | 3.9 | J | 4.4 | J | 4.0 | J |
| 1-METHYLPHEN * | 20.9 | | 36.0 | | 11.4 | J | 3.8 | J | 8.2 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBPB | | TBHB | | TBMK | | TBKA | | TBNP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | |
| SITE | Papys Bayou | | Hillsborough | | Mullet Key Bayou | | Knights Airport | | Navarez Park | |
| LABSAMNO | K8078 | | K8084 | | K8088 | | K8074 | | K8082 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/21/94 | | 01/23/94 | | 01/23/94 | | 01/21/94 | | 01/21/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1411 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 07/25/94 | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | 09/06/94 | | 09/06/94 | | 09/06/94 | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | |
| WETWT | 10.36 | | 10.34 | | 10.25 | | 10.00 | | 10.20 | |
| DRYWT | 1.37 | | 1.66 | | 1.75 | | 1.25 | | 1.64 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 13.2% | | 16.1% | | 17.1% | | 12.5% | | 16.1% | |
| Lipid Weight | | | | | | | | | | |
| % LIPIDS | 7.75 | | 8.20 | | 8.99 | | 14.91 | | 6.85 | |
| Surrogate Recoveries | | | | | | | | | | |
| NAPHD8 | 54.4 | | 96.7 | | 50.6 | | 43.6 | | 50.0 | |
| ACEND10 | 58.6 | | 94.5 | | 51.5 | | 50.3 | | 50.4 | |
| PHEND10 | 55.3 | | 88.3 | | 55.6 | | 53.6 | | 57.8 | |
| CHRYD12 | 54.8 | | 99.5 | | 55.5 | | 59.7 | | 58.2 | |
| PERYD12 | 16.0 | Q | 91.0 | | 22.8 | | 19.5 | Q | 17.9 | Q |
| NAPHTHALENE * | 17.4 | | 14.5 | | 29.2 | | 41.7 | | 28.9 | |
| C1-NAPHTHALENES | 15.7 | | 44.5 | | 15.0 | | 36.0 | | 67.0 | |
| C2-NAPHTHALENES | 16.5 | | 28.3 | | 14.8 | | 42.5 | | 61.0 | |
| C3-NAPHTHALENES | 34.7 | | 97.9 | | 32.6 | | 90.6 | | 106.2 | |
| C4-NAPHTHALENES | 36.4 | | 67.7 | | 27.4 | | 155.4 | | 159.5 | |
| BIPHENYL * | 4.2 | J | 7.3 | J | 3.9 | J | 7.3 | J | 7.1 | J |
| ACENAPHTHYLENE | 2.8 | J | 19.7 | | 1.5 | J | 6.8 | J | 4.8 | J |
| ACENAPHTHENE * | 4.1 | J | 13.2 | | 3.6 | J | 11.0 | | 3.7 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBPB | | TBHB | | TBMK | | TBKA | | TBNP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | |
| SITE | Papys Bayou | | Hillsborough | | Mullet Key Bayou | | Knights Airport | | Navarez Park | |
| LABSAMNO | K8078 | | K8084 | | K8088 | | K8074 | | K8082 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 5.5 | J | 19.9 | | 6.2 | J | 13.4 | | 8.9 | |
| C1-FLUORENES | 17.7 | | 23.5 | | 10.3 | J | 34.5 | | 38.2 | |
| C2-FLUORENES | 64.8 | | 67.8 | | 38.3 | | 106.4 | | 204.3 | |
| C3-FLUORENES | 101.6 | | 261.3 | | 98.4 | | 242.9 | | 459.7 | |
| PHENANTHRENE * | 37.4 | | 258.5 | | 27.5 | | 61.9 | | 41.5 | |
| ANTHRACENE * | 7.2 | | 60.4 | | 3.7 | J | 12.9 | | 11.8 | |
| C1-PHEN_ANTHR | 55.5 | | 180.4 | | 29.6 | | 77.8 | | 145.5 | |
| C2-PHEN_ANTHR | 62.6 | | 173.7 | | 38.3 | | 208.6 | | 789.1 | |
| C3-PHEN_ANTHR | 79.2 | | 136.6 | | 41.8 | | 178.1 | | 1726.0 | |
| C4-PHEN_ANTHR | 30.0 | | 76.3 | | 21.9 | | 57.4 | | 1213.3 | |
| DIBENZOTHIO | 3.1 | | 15.5 | | 1.8 | J | 8.4 | | 4.4 | |
| C1-DIBEN | 6.4 | | 37.4 | | 4.5 | | 18.2 | | 29.1 | |
| C2-DIBEN | 24.9 | | 107.4 | | 12.5 | | 98.9 | | 217.9 | |
| C3-DIBEN | 26.5 | | 124.6 | | 11.3 | | 126.8 | | 522.6 | |
| FLUORANTHENE * | 210.2 | | 1327.7 | | 44.6 | | 216.1 | | 232.5 | |
| PYRENE * | 106.2 | | 953.0 | | 20.4 | | 213.8 | | 187.2 | |
| C1-FLUORAN_PYR | 52.0 | | 418.5 | | 14.1 | | 125.5 | | 583.4 | |
| BENaANTHRACENE * | 26.2 | | 245.6 | | 3.1 | | 18.0 | | 93.8 | |
| CHRYSENE * | 89.6 | | 285.7 | | 20.9 | | 80.1 | | 470.1 | |
| C1-CHRYSENES | 14.3 | | 102.0 | | 7.3 | J | 33.3 | | 1189.9 | |
| C2-CHRYSENES | 11.0 | J | 23.1 | | 11.0 | | 20.1 | | 1112.3 | |
| C3-CHRYSENES | | ND | | ND | | ND | 5.5 | J | 17.0 | |
| C4-CHRYSENES | | ND | | ND | | ND | 8.5 | J | 23.8 | |
| I BENb/BENkFLUORAN | 63.4 | | 153.8 | | 8.4 | | 56.8 | | 175.7 | |
| BENePYRENE * | 30.2 | | 73.9 | | 5.3 | | 40.3 | | 192.9 | |
| BENaPYRENE * | 3.0 | J | 13.9 | | 1.0 | J | 4.3 | J | 21.9 | |
| PERYLENE * | 2.9 | J | 5.1 | | 1.1 | J | 4.4 | J | 40.1 | |
| I123cdPYRENE | 5.1 | | 5.3 | | 1.5 | | 6.2 | | 8.5 | |
| DBahANTHRA * | 1.3 | J | 1.7 | J | 0.3 | J | 1.8 | J | 9.7 | |
| BghiPERYLENE | 7.2 | | 9.3 | | 2.1 | | 13.0 | | 28.5 | |
| TOTAL PAHs | 1277.1 | 0.0 | 5455.0 | 0.0 | 615.0 | 0.0 | 2484.9 | 0.0 | 10237.5 | 0.0 |
| S&T Total PAHs (*) | 584.2 | | 3390.1 | | 200.7 | | 804.5 | | 1491.1 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | TBPB | | TBHB | | TBMK | | TBKA | | TBNP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | | Tampa Bay | |
| SITE | Papys Bayou | | Hillsborough | | Mullet Key Bayou | | Knights Airport | | Navarez Park | |
| LABSAMNO | K8078 | | K8084 | | K8088 | | K8074 | | K8082 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 9.3 | | 24.6 | | 8.7 | | 19.9 | | 44.4 | |
| 1-METHYLNAPH * | 6.4 | | 20.0 | | 6.3 | | 16.1 | | 22.6 | |
| 2,6-DIMETHNAPH * | 8.7 | | 17.2 | | 6.4 | | 15.3 | | 29.2 | |
| 1,6,7-TRIMETHNAPH * | 4.7 | J | 7.5 | | 4.1 | J | 12.7 | | 16.7 | |
| 1-METHYLPHEN * | 9.6 | | 40.4 | | 4.4 | J | 13.7 | | 28.2 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBI | | RBHC | | FBFO | | FBFO | | FBFO | | FBFO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Charlotte Harbor | | Rookery Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Bird Island | | Henderson Creek | | Flamingo | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | K8086 | | K8090 | | K8092 | | K8093 | | K8094 | | K8093 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/23/94 | | 01/23/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | 09/06/94 | | 09/06/94 | | 09/05/94 | | 09/06/94 | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | | | | | |
| WETWT | 10.31 | | 10.15 | | 10.19 | | 10.03 | | 10.35 | | 10.03 | |
| DRYWT | 1.33 | | 1.21 | | 1.60 | | 1.04 | | 1.18 | | 1.04 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 12.9% | | 11.9% | | 15.7% | | 10.4% | | 11.4% | | 10.4% | |
| Lipid Weight | | | | | | | | | | | | |
| % LIPIDS | 5.92 | | 4.33 | | 9.25 | | 6.25 | | 7.40 | | 6.25 | |
| Surrogate Recoveries | | | | | | | | | | | | |
| NAPHD8 | 47.5 | | 42.8 | | 54.2 | | 58.3 | | 44.2 | | 58.3 | |
| ACEND10 | 50.1 | | 49.7 | | 57.6 | | 57.5 | | 47.1 | | 57.5 | |
| PHEND10 | 49.8 | | 55.9 | | 56.1 | | 65.9 | | 55.7 | | 65.9 | |
| CHRYD12 | 47.1 | | 63.4 | | 65.6 | | 63.8 | | 60.3 | | 63.8 | |
| PERYD12 | 21.3 | | 28.4 | | 21.3 | | 21.4 | | 30.2 | | 21.4 | |
| NAPHTHALENE * | 14.3 | | 22.2 | | 35.5 | | 25.4 | | 26.9 | | 25.4 | |
| C1-NAPHTHALENES | 11.6 | J | 28.0 | | 167.1 | | 56.7 | | 48.9 | | 56.7 | |
| C2-NAPHTHALENES | 14.5 | | 25.9 | | 386.7 | | 70.5 | | 559.8 | | 70.5 | |
| C3-NAPHTHALENES | 33.8 | | 40.9 | | 966.2 | | 122.0 | | 939.2 | | 122.0 | |
| C4-NAPHTHALENES | 23.3 | | 33.7 | | 1512.0 | | 98.9 | | 794.7 | | 98.9 | |
| BIPHENYL * | 3.2 | J | 6.1 | J | 24.8 | | 9.3 | J | 7.5 | J | 9.3 | J |
| ACENAPHTHYLENE | 1.2 | J | 0.9 | J | 48.7 | | 2.8 | J | 2.4 | J | 2.8 | J |
| ACENAPHTHENE * | 0.7 | J | 1.5 | J | 28.3 | | 1.8 | J | 0.8 | J | 1.8 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBI | | RBHC | | FBFO | | FBFO | | FBFO | | FBFO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Charlotte Harbor | | Rookery Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Bird Island | | Henderson Creek | | Flamingo | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | K8086 | | K8090 | | K8092 | | K8093 | | K8094 | | K8093 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 2.2 | J | 4.3 | J | 59.5 | | 8.4 | J | 7.4 | J | 8.4 | J |
| C1-FLUORENES | 10.9 | J | 12.0 | J | 354.1 | | 36.9 | | 31.8 | | 36.9 | |
| C2-FLUORENES | 36.4 | | 41.8 | | 1409.5 | | 114.9 | | 98.5 | | 114.9 | |
| C3-FLUORENES | 89.8 | | 101.4 | | 1870.8 | | 135.8 | | 150.6 | | 135.8 | |
| PHENANTHRENE * | 8.4 | | 7.0 | | 236.0 | | 20.5 | | 13.9 | | 20.5 | |
| ANTHRACENE * | 2.5 | J | 1.8 | J | 124.6 | | 3.9 | J | 3.9 | J | 3.9 | J |
| C1-PHEN_ANTHR | 16.7 | | 11.1 | J | 933.0 | | 49.7 | | 32.1 | | 49.7 | |
| C2-PHEN_ANTHR | 26.1 | | 26.4 | | 2134.1 | | 91.5 | | 73.6 | | 91.5 | |
| C3-PHEN_ANTHR | 43.5 | | 27.6 | | 1795.3 | | 80.5 | | 65.3 | | 80.5 | |
| C4-PHEN_ANTHR | 15.7 | | 11.1 | J | 508.2 | | 31.0 | | 18.2 | | 31.0 | |
| DIBENZOTHIO | 0.6 | J | 0.7 | J | 19.2 | | 2.0 | J | 1.6 | J | 2.0 | J |
| C1-DIBEN | 2.7 | J | 2.3 | J | 120.8 | | 5.7 | J | 4.9 | J | 5.7 | J |
| C2-DIBEN | 10.1 | | 6.8 | | 477.2 | | 16.9 | | 16.7 | | 16.9 | |
| C3-DIBEN | 12.6 | | 8.7 | | 656.3 | | 17.8 | | 13.9 | | 17.8 | |
| FLUORANTHENE * | 15.1 | | 9.5 | | 1626.2 | | 39.7 | | 30.7 | | 39.7 | |
| PYRENE * | 11.6 | | 8.0 | | 1376.7 | | 38.3 | | 29.4 | | 38.3 | |
| C1-FLUORAN_PYR | 10.3 | | 10.7 | | 1868.1 | | 49.7 | | 38.3 | | 49.7 | |
| BENaANTHRACENE * | 1.5 | J | 0.9 | J | 540.4 | | 9.0 | | 6.4 | | 9.0 | |
| CHRYSENE * | 5.8 | J | 2.6 | J | 650.5 | | 13.9 | | 10.1 | | 13.9 | |
| C1-CHRYSENES | 1.6 | J | 2.4 | J | 326.1 | | 13.3 | | 7.2 | J | 13.3 | |
| C2-CHRYSENES | 7.8 | J | 3.9 | J | 100.1 | | 9.9 | | 10.3 | J | 9.9 | |
| C3-CHRYSENES | | ND | | ND | 3.3 | J | | ND | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | 5.9 | J | | ND | | ND | | ND |
| I BENb/BENkFLUORAN | 3.5 | | 2.6 | | 455.7 | | 11.2 | | 6.7 | | 11.2 | |
| BENePYRENE * | 2.5 | | 2.0 | | 222.2 | | 8.4 | | 5.7 | | 8.4 | |
| BENaPYRENE * | 0.1 | J | 0.2 | J | 33.5 | | 0.8 | J | 0.6 | J | 0.8 | J |
| PERYLENE * | 0.7 | J | 0.5 | J | 32.7 | | 1.7 | J | 0.7 | J | 1.7 | J |
| I123cdPYRENE | 0.7 | J | 0.3 | J | 16.6 | | 2.7 | | 0.6 | J | 2.7 | |
| DBahANTHRA * | 0.2 | J | 0.2 | J | 4.1 | | 0.3 | J | 0.2 | J | 0.3 | J |
| BghiPERYLENE | 1.1 | J | 1.1 | J | 60.6 | | 9.1 | | 3.2 | | 9.1 | |
| TOTAL PAHs | 443.2 | 0.0 | 467.0 | 0.0 | 21190.1 | 0.0 | 1210.4 | 0.0 | 3062.8 | 0.0 | 1210.4 | 0.0 |
| S&T Total PAHs (*) | 89.2 | | 109.8 | | 5637.5 | | 298.7 | | 234.0 | | 298.7 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | CBBI | | RBHC | | FBFO | | FBFO | | FBFO | | FBFO | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Charlotte Harbor | | Rookery Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Bird Island | | Henderson Creek | | Flamingo | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | K8086 | | K8090 | | K8092 | | K8093 | | K8094 | | K8093 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 7.2 | J | 16.1 | | 112.4 | | 39.6 | | 30.4 | | 39.6 | |
| 1-METHYLNAPH * | 4.4 | J | 11.9 | | 54.8 | | 17.1 | | 18.4 | | 17.1 | |
| 2,6-DIMETHNAPH * | 4.2 | J | 8.3 | | 147.6 | | 32.3 | | 19.7 | | 32.3 | |
| 1,6,7-TRIMETHNAPH * | 1.1 | J | 3.6 | J | 144.2 | | 18.7 | | 11.8 | | 18.7 | |
| 1-METHYLPHEN * | 3.5 | J | 3.1 | J | 183.8 | | 9.7 | | 9.5 | | 9.7 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | FBJB | | FBJB | | FBJB | | BHKF | |
|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Bahia Honda | |
| SITE | Joe Bay | | Joe Bay | | Joe Bay | | Key Florida | |
| LABSAMNO | K8107 | | K8108 | | K8109 | | K8076 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/21/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/06/94 | | 09/06/94 | | 09/06/94 | | 09/06/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | |
| WETWT | 5.50 | | 10.41 | | 10.38 | | 10.26 | |
| DRYWT | 0.60 | | 1.00 | | 1.09 | | 1.82 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 11.0% | | 9.6% | | 10.5% | | 17.7% | |
| Lipid Weight | | | | | | | | |
| % LIPIDS | 4.46 | | 4.47 | | 7.09 | | 10.88 | |
| Surrogate Recoveries | | | | | | | | |
| NAPHD8 | 38.0 | | 37.8 | | 44.5 | | 41.9 | |
| ACEND10 | 43.1 | | 45.7 | | 53.5 | | 48.6 | |
| PHEND10 | 46.4 | | 53.5 | | 52.1 | | 52.4 | |
| CHRYD12 | 54.7 | | 64.1 | | 51.3 | | 49.4 | |
| PERYD12 | 33.9 | | 31.7 | | 33.4 | | 33.5 | |
| NAPHTHALENE * | 50.5 | | 40.9 | | 28.9 | | 17.3 | |
| C1-NAPHTHALENES | 50.9 | | 40.1 | | 36.3 | | 22.0 | |
| C2-NAPHTHALENES | 53.8 | | 37.4 | | 29.1 | | 27.2 | |
| C3-NAPHTHALENES | 98.0 | | 69.5 | | 39.7 | | 39.2 | |
| C4-NAPHTHALENES | 27.3 | J | 19.8 | J | 37.9 | | 27.1 | |
| BIPHENYL * | 14.9 | J | 6.8 | J | 7.1 | J | 4.5 | J |
| ACENAPHTHYLENE | 2.1 | J | 1.6 | J | 0.3 | J | 0.5 | J |
| ACENAPHTHENE * | 3.6 | J | 3.2 | J | 1.7 | J | 0.8 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | FBJB | | FBJB | | FBJB | | BHKF | |
|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Bahia Honda | |
| SITE | Joe Bay | | Joe Bay | | Joe Bay | | Key Florida | |
| LABSAMNO | K8107 | | K8108 | | K8109 | | K8076 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 8.5 | J | 5.2 | J | 4.4 | J | 3.6 | J |
| C1-FLUORENES | 20.7 | J | 16.2 | J | 14.5 | J | 10.0 | J |
| C2-FLUORENES | 51.5 | | 32.8 | | 24.5 | | 30.0 | |
| C3-FLUORENES | 102.4 | | 86.1 | | 83.6 | | 81.4 | |
| PHENANTHRENE * | 23.9 | | 16.1 | | 13.9 | | 8.6 | |
| ANTHRACENE * | 2.8 | J | 1.3 | J | 2.5 | J | 1.5 | J |
| C1-PHEN_ANTHR | 21.7 | J | 17.6 | | 13.7 | J | 14.0 | |
| C2-PHEN_ANTHR | 26.3 | J | 18.1 | | 14.3 | J | 24.8 | |
| C3-PHEN_ANTHR | 19.1 | J | 27.5 | | 17.9 | | 20.7 | |
| C4-PHEN_ANTHR | 20.1 | J | 14.9 | J | 10.5 | J | 8.6 | J |
| DIBENZOTHIO | 2.1 | J | 1.6 | J | 1.4 | J | 1.0 | J |
| C1-DIBEN | 4.6 | J | 3.2 | J | 3.1 | J | 2.5 | J |
| C2-DIBEN | 10.7 | J | 7.2 | J | 7.6 | | 7.0 | |
| C3-DIBEN | 5.8 | J | 6.7 | J | 6.6 | J | 11.7 | |
| FLUORANTHENE * | 14.8 | | 10.1 | | 8.5 | | 14.6 | |
| PYRENE * | 9.5 | | 7.3 | | 5.4 | | 10.0 | |
| C1-FLUORAN_PYR | 14.3 | | 10.2 | | 7.8 | | 10.9 | |
| BENaANTHRACENE * | 1.4 | J | 1.3 | J | 1.4 | J | 3.4 | |
| CHRYSENE * | 5.9 | J | 3.8 | J | 3.6 | J | 7.5 | |
| C1-CHRYSENES | 3.6 | J | 2.3 | J | 2.8 | J | 4.0 | J |
| C2-CHRYSENES | 3.6 | J | 3.7 | J | 3.3 | J | 7.2 | J |
| C3-CHRYSENES | | ND | | ND | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | | ND | | ND |
| I BENb/BENkFLUORAN | 2.7 | | 2.2 | | 2.0 | | 3.4 | |
| BENePYRENE * | 2.9 | J | 1.8 | J | 1.9 | J | 2.8 | |
| BENaPYRENE * | 0.7 | J | 0.4 | J | 0.5 | J | 1.1 | J |
| PERYLENE * | 1.1 | J | 0.7 | J | 0.4 | J | 0.2 | J |
| I123cdPYRENE | 0.9 | J | 0.5 | J | 0.6 | J | 0.6 | J |
| DBahANTHRA * | 0.3 | J | 0.1 | J | 0.1 | J | 0.2 | J |
| BghiPERYLENE | 1.4 | J | 1.2 | J | 1.2 | J | 1.4 | J |
| TOTAL PAHs | 684.4 | 0.0 | 519.2 | 0.0 | 438.8 | 0.0 | 430.9 | 0.0 |
| S&T Total PAHs (*) | 215.3 | | 158.3 | | 135.3 | | 109.4 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | FBJB | | FBJB | | FBJB | | BHKF | |
|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Bahia Honda | |
| SITE | Joe Bay | | Joe Bay | | Joe Bay | | Key Florida | |
| LABSAMNO | K8107 | | K8108 | | K8109 | | K8076 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 26.5 | | 21.7 | | 19.5 | | 12.6 | |
| 1-METHYLNAPH * | 24.3 | | 18.3 | | 16.8 | | 9.4 | |
| 2,6-DIMETHNAPH * | 10.0 | J | 9.3 | | 9.2 | | 5.0 | |
| 1,6,7-TRIMETHNAPH * | 8.2 | J | 7.0 | J | 5.9 | J | 3.5 | J |
| 1-METHYLPHEN * | 5.5 | J | 2.9 | J | 3.7 | J | 3.0 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PRBB | | PRBM | | PRBJ | |
|---|---|---|---|---|---|---|
| ID | Puerto Rico | | Puerto Rico | | Puerto Rico | |
| SITE | Bahia De Boqueron | | Bahia Montalva | | Bahia De Jobos | |
| LABSAMNO | K8122 | | K8124 | | K8126 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 02/16/94 | | 02/16/94 | | 02/16/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/06/94 | | 09/06/94 | | 09/06/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | |
| WETWT | 10.02 | | 10.06 | | 10.19 | |
| DRYWT | 1.62 | | 1.66 | | 1.65 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 16.2% | | 16.5% | | 16.1% | |
| Lipid Weight | | | | | | |
| % LIPIDS | 4.98 | | 5.79 | | 6.11 | |
| Surrogate Recoveries | | | | | | |
| NAPHD8 | 36.6 | | 41.6 | | 47.9 | |
| ACEND10 | 46.3 | | 50.5 | | 51.8 | |
| PHEND10 | 51.1 | | 55.6 | | 53.3 | |
| CHRYD12 | 52.7 | | 58.7 | | 64.4 | |
| PERYD12 | 29.7 | | 18.4 | Q | 35.2 | |
| NAPHTHALENE * | 16.1 | | 15.9 | | 20.7 | |
| C1-NAPHTHALENES | 17.9 | | 16.9 | | 15.3 | |
| C2-NAPHTHALENES | 20.8 | | 21.9 | | 17.7 | |
| C3-NAPHTHALENES | 47.7 | | 48.6 | | 44.5 | |
| C4-NAPHTHALENES | 35.1 | | 25.0 | | 31.1 | |
| BIPHENYL * | 5.4 | J | 4.2 | J | 4.3 | J |
| ACENAPHTHYLENE | 0.4 | J | 0.8 | J | 0.4 | J |
| ACENAPHTHENE * | 1.3 | J | 0.8 | J | 1.0 | J |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PRBB | | PRBM | | PRBJ | |
|---|---|---|---|---|---|---|
| ID | Puerto Rico | | Puerto Rico | | Puerto Rico | |
| SITE | Bahia De Boqueron | | Bahia Montalva | | Bahia De Jobos | |
| LABSAMNO | K8122 | | K8124 | | K8126 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 3.9 | J | 3.4 | J | 3.1 | J |
| C1-FLUORENES | 13.0 | J | 12.6 | J | 11.6 | J |
| C2-FLUORENES | 24.6 | | 30.8 | | 43.2 | |
| C3-FLUORENES | 56.2 | | 33.4 | | 51.2 | |
| PHENANTHRENE * | 9.9 | | 11.4 | | 6.2 | |
| ANTHRACENE * | 1.3 | J | 2.6 | J | 0.8 | J |
| C1-PHEN_ANTHR | 17.1 | | 19.2 | | 16.3 | |
| C2-PHEN_ANTHR | 19.2 | | 30.1 | | 26.1 | |
| C3-PHEN_ANTHR | 24.3 | | 27.9 | | 20.4 | |
| C4-PHEN_ANTHR | 11.0 | | 7.7 | J | 8.1 | J |
| DIBENZOTHIO | 0.5 | J | 1.0 | J | 0.6 | J |
| C1-DIBEN | 1.9 | J | 2.9 | J | 2.8 | J |
| C2-DIBEN | 5.9 | | 5.5 | | 7.6 | |
| C3-DIBEN | 5.6 | | 9.9 | | 5.9 | |
| FLUORANTHENE * | 39.6 | | 28.7 | | 9.9 | |
| PYRENE * | 17.9 | | 17.5 | | 11.4 | |
| C1-FLUORAN_PYR | 17.6 | | 17.2 | | 11.8 | |
| BENaANTHRACENE * | 3.8 | | 3.0 | | 0.9 | J |
| CHRYSENE * | 13.8 | | 2.8 | J | 3.5 | J |
| C1-CHRYSENES | 3.9 | J | 4.4 | J | 4.0 | J |
| C2-CHRYSENES | 4.1 | J | 4.7 | J | 2.9 | J |
| C3-CHRYSENES | | ND | | ND | | ND |
| C4-CHRYSENES | | ND | | ND | | ND |
| 1 BENb/BENkFLUORAN | 8.7 | | 6.6 | | 1.7 | |
| BENePYRENE * | 5.0 | | 4.3 | | 2.1 | |
| BENaPYRENE * | 1.3 | J | 0.4 | J | 0.0 | ND |
| PERYLENE * | 0.9 | J | 0.9 | J | 0.8 | J |
| I123cdPYRENE | 1.4 | | 0.5 | J | 0.2 | J |
| DBahANTHRA * | 0.2 | J | 0.2 | J | 0.1 | J |
| BghiPERYLENE | 2.2 | | 1.5 | J | 1.0 | J |
| TOTAL PAHs | 459.5 | 0.0 | 425.2 | 0.0 | 389.3 | |
| S&T Total PAHs (*) | 150.2 | | 133.1 | | 96.6 | |

# Mussel Watch Project Year 9 - PAH Data (Tissue)

| INVEST# | PRBB | | PRBM | | PRBJ | |
|---|---|---|---|---|---|---|
| ID | Puerto Rico | | Puerto Rico | | Puerto Rico | |
| SITE | Bahia De Boqueron | | Bahia Montalva | | Bahia De Jobos | |
| LABSAMNO | K8122 | | K8124 | | K8126 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 2-METHYLNAPH * | 9.2 | | 9.5 | | 8.1 | |
| 1-METHYLNAPH * | 8.8 | | 7.5 | | 7.3 | |
| 2,6-DIMETHNAPH * | 5.2 | J | 7.2 | | 6.7 | |
| 1,6,7-TRIMETHNAPH * | 3.3 | J | 3.8 | J | 5.5 | J |
| 1-METHYLPHEN * | 3.4 | J | 9.1 | | 4.3 | J |

# PAH QC Data
# (Tissue)

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | ABLR | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Aransas Bay | | ABLR | | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| RECEIPT DATE | | | 12/17/93 | | 12/17/93 | | | 12/17/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | | 07/21/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | | GCMS | |
| ANALYSIS DATE | 09/03/94 | | 09/04/94 | | 09/03/94 | | | 09/03/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | | TISSUE | |
| WETWT | | | 10.05 | | 10.14 | | | 10.12 | |
| DRYWT | 10.00 | | 1.65 | | 1.67 | | | 1.69 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | | GRAMS | DRY |
| PCTSOLIDS | | | 16.4% | | 16.5% | | | 16.7% | |
| % LIPIDS | | | 18.74 | | 15.32 | | | 17.54 | |
| Surrogate Recoveries PAHs | | | | | | | | | |
| NAPHD8 | 61.8 | | 55.4 | | 46.7 | | | 45.7 | |
| ACEND10 | 62.5 | | 60.2 | | 54.7 | | | 49.4 | |
| PHEND10 | 60.3 | | 58.0 | | 58.7 | | | 58.8 | |
| CHRYD12 | 63.3 | | 67.3 | | 64.0 | | | 60.0 | |
| PERYD12 | 26.5 | | 9.6 | Q | 3.6 | Q | | 4.2 | Q |
| NAPHTHALENE * | 1.2 | | 14.2 | | 17.0 | | 17.9 | 97.6 | |
| C1-NAPHTHALENES | 0.9 | J | 10.9 | | 13.3 | | 19.8 | | NA |
| C2-NAPHTHALENES | | ND | 29.0 | | 40.7 | | 33.6 | | NA |
| C3-NAPHTHALENES | | ND | 91.4 | | 104.1 | | 13.0 | | NA |
| C4-NAPHTHALENES | | ND | 110.9 | | 91.4 | | 19.3 | | NA |
| BIPHENYL * | 0.7 | J | 6.8 | J | 8.6 | J | 24.1 | 107.1 | |
| ACENAPHTHYLENE | 0.1 | J | 2.4 | J | 2.7 | J | 11.6 | 72.8 | |
| ACENAPHTHENE * | 0.1 | J | 1.6 | J | 2.0 | J | 18.9 | 98.9 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | ABLR | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Aransas Bay | | ABLR | | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| FLUORENE * | 0.2 | J | 4.8 | J | 5.3 | J | 8.1 | 105.5 | |
| C1-FLUORENES | | ND | 35.2 | | 34.0 | | 3.4 | | NA |
| C2-FLUORENES | | ND | 173.4 | | 173.1 | | 0.1 | | NA |
| C3-FLUORENES | | ND | 216.9 | | 180.6 | | 18.3 | | NA |
| PHENANTHRENE * | 1.4 | | 33.3 | | 24.1 | | 32.3 | 84.6 | |
| ANTHRACENE * | 0.1 | J | 4.4 | J | 3.1 | J | 33.7 | 0.0 | Q |
| C1-PHEN_ANTHR | | ND | 82.1 | | 61.7 | | 28.4 | | NA |
| C2-PHEN_ANTHR | | ND | 114.0 | | 99.7 | | 13.4 | | NA |
| C3-PHEN_ANTHR | | ND | 78.9 | | 70.3 | | 11.5 | | NA |
| C4-PHEN_ANTHR | | ND | 31.1 | | 24.31 | | 24.5 | | NA |
| DIBENZOTHIO | 0.1 | J | 2.8 | | 3.6 | | 26.4 | 82.8 | |
| C1-DIBEN | | ND | 18.7 | | 14.3 | | 26.5 | | NA |
| C2-DIBEN | | ND | 41.6 | | 29.4 | | 34.3 | | NA |
| C3-DIBEN | | ND | 28.1 | | 29.1 | | 3.4 | | NA |
| FLUORANTHENE * | 0.2 | J | 7.0 | | 7.0 | | 0.0 | 96.0 | |
| PYRENE * | 0.3 | | 8.0 | | 8.4 | | 5.0 | 97.6 | |
| C1-FLUORAN_PYR | | ND | 14.8 | | 12.43 | | 17.3 | | NA |
| BENaANTHRACENE * | 0.0 | J | 1.2 | J | 1.8 | J | 39.7 | 56.4 | |
| CHRYSENE * | 0.1 | J | 3.6 | J | 3.6 | J | 1.1 | 110.7 | |
| C1-CHRYSENES | | ND | 3.2 | J | 1.7 | J | 59.1 | | NA |
| C2-CHRYSENES | | ND | 4.4 | J | 5.1 | J | 15.1 | | NA |
| C3-CHRYSENES | | ND | | ND | | ND | | | NA |
| C4-CHRYSENES | | ND | | ND | | ND | | | NA |
| TOTAL BENk/BENbFLUORAN | 0.1 | | 2.9 | | 4.8 | | 48.6 | 105.0 | |
| BENePYRENE * | 0.2 | J | 1.7 | | 2.7 | | 46.5 | 106.4 | |
| BENaPYRENE * | 0.0 | J | 0.5 | J | 0.6 | J | 13.1 | 20.0 | Q |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | ABLR | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Aransas Bay | | ABLR | | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| PERYLENE * | 0.3 | J | 4.0 | | 11.3 | | 95.7 | 110.0 | |
| I123cdPYRENE | 0.0 | J | 0.6 | J | 1.8 | | 94.1 | 103.3 | |
| DBahANTHRA * | 0.0 | J | 0.4 | J | 1.4 | J | 114.9 | 103.7 | |
| BghiPERYLENE | 0.07 | J | 0.9 | J | 2.29 | | 88.1 | 98.5 | |
| TOTAL PAHs | 5.9 | | 1185.3 | | 1096.9 | | 7.7 | 1761.9 | |
| S&T Total PAHs (*) | 6.29 | | 153.7 | | 158.89 | | 3.3 | | |
| 2-METHYLNAPH * | 0.5 | J | 6.5 | | 7.6 | | 16.1 | 101.0 | |
| 1-METHYLNAPH * | 0.5 | J | 4.5 | | 5.8 | | 24.8 | 111.5 | |
| 2,6-DIMETHNAPH * | 0.4 | J | 18.0 | | 18.3 | | 1.4 | 106.7 | |
| 1,6,7-TRIMETHNAPH * | 0.2 | J | 16.4 | | 15.8 | | 3.4 | 98.8 | |
| 1-METHYLPHEN * | 0.19 | J | 17.0 | | 14.84 | | 13.5 | 97.2 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | BSSI | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Breton Sound | | BSSI | | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| RECEIPT DATE | | | 01/15/93 | | 01/15/93 | | | 01/15/93 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | | 07/25/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | 09/05/94 | | 09/05/94 | | | 09/05/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | | TISSUE | |
| WETWT | | | 10.03 | | 10.01 | | | 10.01 | |
| DRYWT | 10.00 | | 0.75 | | 0.77 | | | 0.79 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | | GRAMS | DRY |
| PCTSOLIDS | | | 7.4% | | 7.7% | | | 7.9% | |
| % LIPIDS | | | 17.4 | | 21.78 | | | 14.38 | |
| Surrogate Recoveries PAHs | | | | | | | | | |
| NAPHD8 | 37.6 | | 63.8 | | 48.3 | | | 57.8 | |
| ACEND10 | 40.4 | | 57.7 | | 56.4 | | | 58.7 | |
| PHEND10 | 41.3 | | 61.1 | | 53.6 | | | 69.5 | |
| CHRYD12 | 42.5 | | 56.9 | | 61.8 | | | 73.1 | |
| PERYD12 | 17.6 | Q | 19.1 | Q | 18.1 | Q | | 28.1 | |
| NAPHTHALENE * | 1.2 | | 26.2 | | 24.9 | | 4.9 | 116.9 | |
| C1-NAPHTHALENES | 1.1 | J | 27.3 | | 29.9 | | 9.4 | | NA |
| C2-NAPHTHALENES | | ND | 83.2 | | 89.6 | | 7.5 | | NA |
| C3-NAPHTHALENES | | ND | 282.3 | | 254.2 | | 10.5 | | NA |
| C4-NAPHTHALENES | | ND | 468.4 | | 537.5 | | 13.7 | | NA |
| BIPHENYL * | 0.6 | J | 15.5 | J | 12.7 | J | 19.7 | 111.0 | |
| ACENAPHTHYLENE | 0.1 | J | 3.6 | J | 2.8 | J | 24.7 | 112.4 | |
| ACENAPHTHENE * | 0.1 | J | 5.0 | J | 3.4 | J | 36.7 | 116.1 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | BSSI | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Breton Sound | | BSSI | | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| FLUORENE * | 0.2 | J | 16.5 | | 14.4 | J | 13.9 | 113.5 | |
| C1-FLUORENES | | ND | 106.6 | | 79.5 | | 29.1 | | NA |
| C2-FLUORENES | | ND | 251.9 | | 286.7 | | 12.9 | | NA |
| C3-FLUORENES | | ND | 502.0 | | 495.7 | | 1.3 | | NA |
| PHENANTHRENE * | 0.3 | J | 67.6 | | 53.9 | | 22.5 | 88.5 | |
| ANTHRACENE * | 0.1 | J | 6.8 | J | 4.0 | J | 52.4 | 15.9 | Q |
| C1-PHEN_ANTHR | | ND | 183.9 | | 191.9 | | 4.2 | | NA |
| C2-PHEN_ANTHR | | ND | 627.1 | | 575.9 | | 8.5 | | NA |
| C3-PHEN_ANTHR | | ND | 464.8 | | 560.2 | | 18.6 | | NA |
| C4-PHEN_ANTHR | | ND | 297.7 | | 342.9 | | 14.1 | | NA |
| DIBENZOTHIO | 0.2 | J | 9.5 | | 7.1 | | 29.7 | 133.1 | Q |
| C1-DIBEN | | ND | 54.6 | | 60.1 | | 9.5 | | NA |
| C2-DIBEN | | ND | 261.2 | | 246.1 | | 6.0 | | NA |
| C3-DIBEN | | ND | 347.6 | | 320.2 | | 8.2 | | NA |
| FLUORANTHENE * | 0.1 | J | 59.9 | | 43.9 | | 30.7 | 94.2 | |
| PYRENE * | 0.2 | J | 82.1 | | 68.1 | | 18.7 | 134.1 | Q |
| C1-FLUORAN_PYR | | ND | 119.3 | | 136.8 | | 13.6 | | NA |
| BENaANTHRACENE * | 0.1 | J | 11.5 | | 12.6 | | 9.1 | 88.1 | |
| CHRYSENE * | 0.1 | J | 63.2 | | 48.6 | | 26.1 | 92.7 | |
| C1-CHRYSENES | | ND | 63.0 | | 48.8 | | 25.4 | | NA |
| C2-CHRYSENES | | ND | 36.1 | | 31.3 | | 14.4 | | NA |
| C3-CHRYSENES | | ND | | ND | | ND | | | NA |
| C4-CHRYSENES | | ND | | ND | | ND | | | NA |
| TOTAL BENk/BENbFLUORAN | 0.1 | | 19.7 | | 17.9 | | 9.8 | 100.1 | |
| BENePYRENE * | 0.0 | J | 20.1 | | 17.2 | | 15.6 | 101.5 | |
| BENaPYRENE * | 0.0 | J | 2.0 | J | 1.9 | J | 5.6 | 51.4 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | BSSI | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Breton Sound | | BSSI | | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| PERYLENE * | 0.3 | J | 43.0 | | 36.3 | | 17.1 | 118.1 | |
| I123cdPYRENE | 0.1 | J | 1.8 | J | 1.8 | J | 1.9 | 87.1 | |
| DBahANTHRA * | 0.1 | J | 0.8 | J | 1.1 | J | 28.1 | 105.2 | |
| BghiPERYLENE | 0.07 | J | 2.7 | J | 2.8 | J | 5.3 | 98.3 | |
| TOTAL PAHs | 4.7 | | 4634.5 | | 4662.7 | | | | |
| S&T Total PAHs (*) | 4.94 | | 592.3 | | 515.0 | | | 1916.0 | |
| 2-METHYLNAPH * | 0.5 | J | 16.4 | | 16.6 | | 1.3 | 109.8 | |
| 1-METHYLNAPH * | 0.6 | J | 10.9 | | 13.3 | | 20.4 | 119.5 | |
| 2,6-DIMETHNAPH * | 0.3 | J | 43.3 | | 37.4 | | 14.7 | 109.0 | |
| 1,6,7-TRIMETHNAPH * | 0.4 | J | 47.0 | | 41.4 | | 12.6 | 111.6 | |
| 1-METHYLPHEN * | 0.07 | J | 54.5 | | 63.2 | | 14.8 | 118.9 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| RECEIPT DATE | | | 01/27/94 | | 01/27/94 | | | 01/27/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | | 08/01/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | 09/05/94 | | 09/05/94 | | | 09/05/94 | |
| MATRIX | | | TISSUE | | TISSUE | | | TISSUE | |
| WETWT | | | 10.03 | | 10.01 | | | 10.02 | |
| DRYWT | 10.00 | | 1.04 | | 1.02 | | | 0.99 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | | GRAMS | DRY |
| PCTSOLIDS | | | 10.4% | | 10.2% | | | 9.8% | |
| % LIPIDS | | | 6.25 | | 7.74 | | | 8.34 | |
| Surrogate Recoveries PAHs | | | | | | | | | |
| NAPHD8 | 55.2 | | 58.3 | | 51.2 | | | 53.3 | |
| ACEND10 | 51.8 | | 57.5 | | 50.3 | | | 55.5 | |
| PHEND10 | 53.4 | | 65.9 | | 58.9 | | | 63.2 | |
| CHRYD12 | 47.2 | | 63.8 | | 57.8 | | | 50.4 | |
| PERYD12 | 8.5 | Q | 21.4 | | 25.6 | | | 22.7 | |
| NAPHTHALENE * | 2.8 | | 25.4 | | 29.7 | | 15.8 | 114.8 | |
| C1-NAPHTHALENES | 1.3 | J | 56.7 | | 53.6 | | 5.7 | | NA |
| C2-NAPHTHALENES | | ND | 70.5 | | 64.7 | | 8.6 | | NA |
| C3-NAPHTHALENES | | ND | 122.0 | | 112.2 | | 8.3 | | NA |
| C4-NAPHTHALENES | | ND | 98.9 | | 76.3 | | 25.8 | | NA |
| BIPHENYL * | 0.4 | J | 9.3 | J | 10.6 | J | 12.7 | 108.2 | |
| ACENAPHTHYLENE | 0.1 | J | 2.8 | J | 3.1 | J | 12.6 | 103.7 | |
| ACENAPHTHENE * | 0.2 | J | 1.8 | J | 1.4 | J | 22.5 | 109.5 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| FLUORENE * | 0.2 | J | 8.4 | J | 7.1 | J | 17.1 | 109.3 | |
| C1-FLUORENES | | ND | 36.9 | | 31.1 | | 16.8 | | NA |
| C2-FLUORENES | | ND | 114.9 | | 141.7 | | 20.9 | | NA |
| C3-FLUORENES | | ND | 135.8 | | 96.9 | | 33.4 | | NA |
| PHENANTHRENE * | 0.6 | | 20.5 | | 17.9 | | 13.6 | 94.5 | |
| ANTHRACENE * | 0.1 | J | 3.9 | J | 4.9 | J | 22.3 | 24.6 | Q |
| C1-PHEN_ANTHR | | ND | 49.7 | | 42.9 | | 14.7 | | NA |
| C2-PHEN_ANTHR | | ND | 91.5 | | 70.3 | | 26.2 | | NA |
| C3-PHEN_ANTHR | | ND | 80.5 | | 59.6 | | 29.7 | | NA |
| C4-PHEN_ANTHR | | ND | 31.0 | | 22.96 | | 29.8 | | NA |
| DIBENZOTHIO | 0.1 | J | 2.0 | J | 1.6 | J | 22.1 | 87.8 | |
| C1-DIBEN | | ND | 5.7 | J | 5.4 | J | 5.8 | | NA |
| C2-DIBEN | | ND | 16.9 | | 15.1 | | 10.7 | | NA |
| C3-DIBEN | | ND | 17.8 | | 18.1 | | 1.8 | | NA |
| FLUORANTHENE * | 0.2 | J | 39.7 | | 33.9 | | 15.8 | 95.9 | |
| PYRENE * | 0.2 | J | 38.3 | | 32.2 | | 17.1 | 96.7 | |
| C1-FLUORAN_PYR | | ND | 49.7 | | 37.79 | | 27.2 | | NA |
| BENaANTHRACENE * | 0.0 | J | 9.0 | | 5.2 | | 53.2 | 85.5 | |
| CHRYSENE * | 0.1 | J | 13.9 | | 15.1 | | 8.5 | 109.5 | |
| C1-CHRYSENES | | ND | 13.3 | | 11.2 | J | 16.8 | | NA |
| C2-CHRYSENES | | ND | 9.9 | | 7.9 | J | 22.4 | | NA |
| C3-CHRYSENES | | ND | | ND | | ND | | | NA |
| C4-CHRYSENES | | ND | | ND | | ND | | | NA |
| TOTAL BENk/BENbFLUORAN | 0.1 | | 11.2 | | 8.4 | | 27.9 | 103.1 | |
| BENePYRENE * | 0.1 | J | 8.4 | | 7.7 | | 8.8 | 115.0 | |
| BENaPYRENE * | 0.0 | J | 0.8 | J | 0.9 | J | 11.2 | 62.9 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | RPD | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | | % | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | | Recovery | DB QUAL |
| PERYLENE * | 0.5 | J | 1.7 | J | 0.8 | J | 70.9 | 84.9 | |
| I123cdPYRENE | 0.0 | J | 2.7 | | 1.9 | | 33.8 | 103.6 | |
| DBahANTHRA * | 0.0 | J | 0.3 | J | 0.3 | J | 3.3 | 102.9 | |
| BghiPERYLENE | 0.03 | J | 9.1 | | 7.4 | | 20.5 | 108.0 | |
| TOTAL PAHs | 6.9 | | 1210.4 | | 1058.0 | | 13.4 | | |
| S&T Total PAHs (*) | 7.48 | | 298.7 | | 274.85 | | 8.3 | | |
| 2-METHYLNAPH * | 0.6 | J | 39.6 | | 34.5 | | 13.8 | 108.5 | |
| 1-METHYLNAPH * | 0.6 | J | 17.1 | | 19.1 | | 11.0 | 118.0 | |
| 2,6-DIMETHNAPH * | 0.6 | J | 32.3 | | 28.6 | | 12.4 | 103.6 | |
| 1,6,7-TRIMETHNAPH * | 0.1 | J | 18.7 | | 15.7 | | 17.3 | 104.2 | |
| 1-METHYLPHEN * | 0.07 | J | 9.7 | | 9.23 | | 4.4 | 100.8 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Consensus Values | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | Std Dev | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | | | M1410 | | M1412 | | M1411 | |
| EXTRACTION DATE | | | 07/21/94 | | 08/01/94 | | 07/25/94 | |
| METHOD | | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | | | 09/03/94 | | 09/05/94 | | 09/05/94 | |
| MATRIX | | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | | | 5.02 | | 5.01 | | 5.00 | |
| DRYWT | | | 0.49 | | 0.59 | | 0.44 | |
| WTUNITS | | | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 9.8% | | 11.8% | | 8.8% | |
| % LIPIDS | | | 3.9 | | 5.58 | | 4.1 | |
| Surrogate | | | | | | | | |
| Recoveries PAHs | | | | | | | | |
| NAPHD8 | | | 56.8 | | 50.0 | | 37.7 | |
| ACEND10 | | | 61.3 | | 48.6 | | 55.5 | |
| PHEND10 | | | 69.8 | | 60.0 | | 59.1 | |
| CHRYD12 | | | 68.0 | | 52.4 | | 68.1 | |
| PERYD12 | | | 14.4 | Q | 22.5 | | 23.6 | |
| NAPHTHALENE * | 14.9 | 8.5 | 34.3 | | 31.6 | | 39.1 | |
| C1-NAPHTHALENES | | | 24.6 | J | 31.9 | | 32.7 | J |
| C2-NAPHTHALENES | | | 44.5 | | 30.8 | | 71.5 | |
| C3-NAPHTHALENES | | | 115.8 | | 114.8 | | 166.1 | |
| C4-NAPHTHALENES | | | 165.8 | | 168.4 | | 322.3 | |
| BIPHENYL * | 4.1 | 1.4 | 10.3 | J | 19.0 | J | 12.0 | J |
| ACENAPHTHYLENE | 4.9 | 2.0 | 9.1 | J | 11.5 | J | 14.2 | J |
| ACENAPHTHENE * | 3.1 | 1.1 | 5.8 | J | 7.3 | J | 7.4 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Consensus Values | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | Std Dev | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 4.2 | 0.8 | 6.3 | J | 9.7 | J | 6.2 | J |
| C1-FLUORENES | | | 37.4 | J | 35.6 | J | 49.2 | J |
| C2-FLUORENES | | | 137.2 | | 125.5 | | 159.1 | |
| C3-FLUORENES | | | 233.0 | | 195.9 | | 362.2 | |
| PHENANTHRENE * | 17.9 | 5.1 | 39.7 | | 22.2 | | 30.4 | |
| ANTHRACENE * | 7.3 | 2.8 | 11.7 | J | 9.5 | J | 6.6 | J |
| C1-PHEN_ANTHR | | | 71.6 | | 51.9 | | 74.6 | |
| C2-PHEN_ANTHR | | | 227.0 | | 185.9 | | 286.1 | |
| C3-PHEN_ANTHR | | | 550.1 | | 418.5 | | 672.2 | |
| C4-PHEN_ANTHR | | | 252.47 | | 207.08 | | 281.83 | |
| DIBENZOTHIO | | | 4.0 | J | 2.9 | J | 6.6 | J |
| C1-DIBEN | | | 25.4 | | 20.1 | | 24.5 | |
| C2-DIBEN | | | 138.8 | | 89.1 | | 169.2 | |
| C3-DIBEN | | | 232.3 | | 145.3 | | 265.5 | |
| FLUORANTHENE * | 187.0 | 55.0 | 233.5 | | 173.1 | | 305.9 | |
| PYRENE * | 178.0 | 43.0 | 209.7 | | 162.7 | | 290.7 | |
| C1-FLUORAN_PYR | | | 174.16 | | 144.62 | | 234.38 | |
| BENaANTHRACENE * | 37.4 | 9.2 | 27.4 | | 34.4 | | 34.1 | |
| CHRYSENE * | 89.0 | 21.9 | 113.0 | | 81.7 | | 134.6 | |
| C1-CHRYSENES | | | 64.2 | | 58.4 | | 93.0 | |
| C2-CHRYSENES | | | 49.1 | | 42.6 | | 81.4 | |
| C3-CHRYSENES | | | 5.9 | J | | ND | 8.3 | J |
| C4-CHRYSENES | | | 16.84 | J | | ND | 13.71 | J |
| TOTAL BENk/BENbFLUORAN | | | 104.0 | | 71.8 | | 104.7 | |
| BENePYRENE * | 91.3 | 21.0 | 123.4 | | 85.9 | | 112.9 | |
| BENaPYRENE * | 17.5 | 3.8 | 13.5 | | 11.2 | | 14.6 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Consensus Values | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | Std Dev | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| PERYLENE * | 7.2 | 2.2 | 18.6 | | 9.2 | J | 19.6 | |
| I123cdPYRENE | 16.1 | 4.6 | 18.2 | | 10.6 | | 16.9 | |
| DBahANTHRA * | 2.6 | 1.1 | 4.6 | J | 2.7 | J | 4.1 | J |
| BghiPERYLENE | 27.5 | 6.7 | 32.74 | | 24.22 | | 29.48 | |
| TOTAL PAHs | 710.1 | | 3586.1 | | 2847.4 | | 4557.8 | |
| S&T Total PAHs (*) | | | 913.08 | | 739.72 | | 1090.02 | |
| 2-METHYLNAPH * | 7.3 | 3.1 | 13.2 | J | 18.8 | | 15.9 | J |
| 1-METHYLNAPH * | 4.4 | 1.9 | 11.4 | J | 13.1 | | 16.8 | |
| 2,6-DIMETHNAPH * | 5.8 | 4.2 | 13.0 | J | 13.3 | J | 10.8 | J |
| 1,6,7-TRIMETHNAPH * | 5.0 | 2.5 | 9.5 | J | 20.5 | | 12.0 | J |
| 1-METHYLPHEN * | 10.6 | 3 | 14.03 | J | 14.02 | J | 16.5 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | | GERG Std Chk | |
| SITE | LABORATORY | | | | | | | |
| LABSAMNO | RUNNING | | W1770 | | W1773 | | W1775 | |
| SAMPLE TYPE | AVERAGE | | REF | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | | | | | | | | |
| METHOD | | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | | | 09/03/94 | | 09/04/94 | | 09/04/94 | |
| MATRIX | | | OIL | | OIL | | OIL | |
| WETWT | | | | | | | | |
| DRYWT | | | | | | | | |
| WTUNITS | | | | | | | | |
| PCTSOLIDS | | | | | | | | |
| % LIPIDS | | | | | | | | |
| Surrogate | | | | | | | | |
| Recoveries PAHs | | | | | | | | |
| NAPHD8 | | | | NA | | NA | | NA |
| ACEND10 | | | | NA | | NA | | NA |
| PHEND10 | | | | NA | | NA | | NA |
| CHRYD12 | | | | NA | | NA | | NA |
| PERYD12 | | | | NA | | NA | | NA |
| NAPHTHALENE * | 576.2 | 20.2 | 506.2 | | 519.6 | | 510.3 | |
| C1-NAPHTHALENES | 2434.8 | 125.9 | 2097.3 | | 2168.2 | | 2094.1 | |
| C2-NAPHTHALENES | 1902.8 | 160.0 | 2456.7 | | 2547.7 | | 2385.7 | |
| C3-NAPHTHALENES | 1440.7 | 217.6 | 2281.0 | | 2363.8 | | 2155.1 | |
| C4-NAPHTHALENES | 789.3 | 158.7 | 1430.3 | | 1518.4 | | 1330.8 | |
| BIPHENYL * | 193.9 | 20.4 | 189.2 | | 187.6 | | 200.2 | |
| ACENAPHTHYLENE | 1.3 | 0.5 | 1.1 | J | 1.1 | J | 0.5 | J |
| ACENAPHTHENE * | 17.4 | 1.7 | 17.2 | J | 14.5 | J | 16.3 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | | GERG Std Chk | |
| SITE | LABORATORY | | | | | | | |
| LABSAMNO | RUNNING | | W1770 | | W1773 | | W1775 | |
| SAMPLE TYPE | AVERAGE | | REF | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 93.2 | 7.6 | 89.6 | | 86.3 | | 88.7 | |
| C1-FLUORENES | 213.3 | 31.4 | 274.9 | | 254.3 | | 254.8 | |
| C2-FLUORENES | 343.7 | 35.0 | 555.8 | | 525.9 | | 552.8 | |
| C3-FLUORENES | 370.1 | 61.6 | 698.4 | | 671.2 | | 646.1 | |
| PHENANTHRENE * | 266.0 | 23.0 | 260.9 | | 261.8 | | 239.4 | |
| ANTHRACENE * | 5.9 | 2.8 | 6.1 | J | 6.8 | J | 10.6 | J |
| C1-PHEN_ANTHR | 583.2 | 91.0 | 688.4 | | 699.9 | | 693.2 | |
| C2-PHEN_ANTHR | 656.2 | 106.3 | 852.2 | | 911.9 | | 842.4 | |
| C3-PHEN_ANTHR | 481.9 | 128.7 | 871.6 | | 913.2 | | 844.4 | |
| C4-PHEN_ANTHR | 212.4 | 75.3 | 456.1 | | 505.34 | | 463.3 | |
| DIBENZOTHIO | 218.9 | 22.1 | 192.6 | | 194.7 | | 191.8 | |
| C1-DIBEN | 414.9 | 66.3 | 479.8 | | 486.9 | | 488.6 | |
| C2-DIBEN | 571.6 | 106.8 | 805.5 | | 833.1 | | 782.8 | |
| C3-DIBEN | 506.5 | 90.8 | 792.3 | | 845.6 | | 735.5 | |
| FLUORANTHENE * | 5.0 | 1.1 | 4.9 | J | 10.0 | J | 5.7 | J |
| PYRENE * | 13.1 | 2.3 | 11.3 | J | 14.4 | J | 8.8 | J |
| C1-FLUORAN_PYR | 94.0 | 18.2 | 102.4 | | 110.63 | | 110.74 | |
| BENaANTHRACENE * | 5.6 | 1.0 | 5.5 | J | 7.0 | J | 4.6 | J |
| CHRYSENE * | 52.4 | 5.4 | 53.1 | | 46.6 | | 49.3 | |
| C1-CHRYSENES | 91.4 | 63.5 | 89.6 | | 88.9 | | 90.2 | |
| C2-CHRYSENES | 115.5 | 77.6 | 143.1 | | 135.8 | | 132.9 | |
| C3-CHRYSENES | 30.4 | 22.2 | 19.7 | J | 23.1 | | 26.5 | |
| C4-CHRYSENES | 21.5 | 18.0 | 21.2 | | 22.03 | | 23.39 | |
| TOTAL BENk/BENbFLUORAN | 3.5 | 0.4 | 7.8 | | 8.3 | | 7.4 | |
| BENePYRENE * | 11.3 | 1.1 | 11.5 | J | 12.9 | J | 11.2 | J |
| BENaPYRENE * | 2.0 | 0.7 | 1.7 | J | 1.7 | J | 2.4 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | | GERG Std Chk | |
| SITE | LABORATORY | | | | | | | |
| LABSAMNO | RUNNING | | W1770 | | W1773 | | W1775 | |
| SAMPLE TYPE | AVERAGE | | REF | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| PERYLENE * | 2.0 | 0.6 | 1.9 | J | 2.0 | J | 2.3 | J |
| I123cdPYRENE | 0.9 | 0.3 | 0.7 | J | 1.1 | J | 0.9 | J |
| DBahANTHRA * | 1.8 | 0.5 | 1.7 | J | 2.2 | J | 1.5 | J |
| BghiPERYLENE | 4.2 | 0.9 | 3.7 | J | 4.19 | J | 4.08 | J |
| TOTAL PAHs | 12752.3 | | 16483.0 | | 17008.5 | | 16009.1 | |
| S&T Total PAHs (*) | 5072.3 | | 4583.16 | | 4621.27 | | 4569.21 | |
| 2-METHYLNAPH * | 1347.9 | 70.7 | 1153.3 | | 1211.5 | | 1160.1 | |
| 1-METHYLNAPH * | 1086.9 | 58.1 | 944.0 | | 956.7 | | 934.0 | |
| 2,6-DIMETHNAPH * | 775.3 | 64.6 | 743.5 | | 726.9 | | 752.5 | |
| 1,6,7-TRIMETHNAPH * | 438.9 | 30.2 | 421.9 | | 394.9 | | 401.1 | |
| 1-METHYLPHEN * | 177.6 | 21.4 | 159.66 | | 157.88 | | 170.25 | |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk | | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | |
| SITE | | | LABORATORY | | | | | |
| LABSAMNO | W1789 | | RUNNING | | W1792 | | W1794 | |
| SAMPLE TYPE | REF | | AVERAGE | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Conc | DB QUAL | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | M1412 | | | | M1412 | | M1412 | |
| EXTRACTION DATE | | | | | | | | |
| METHOD | GCMS | | | | GCMS | | GCMS | |
| ANALYSIS DATE | 09/05/94 | | | | 09/05/94 | | 09/06/94 | |
| MATRIX | OIL | | | | OIL | | OIL | |
| WETWT | | | | | | | | |
| DRYWT | | | | | | | | |
| WTUNITS | | | | | | | | |
| PCTSOLIDS | | | | | | | | |
| % LIPIDS | | | | | | | | |
| Surrogate | | | | | | | | |
| Recoveries PAHs | | | | | | | | |
| NAPHD8 | | NA | | | | NA | | NA |
| ACEND10 | | NA | | | | NA | | NA |
| PHEND10 | | NA | | | | NA | | NA |
| CHRYD12 | | NA | | | | NA | | NA |
| PERYD12 | | NA | | | | NA | | NA |
| NAPHTHALENE * | 547.4 | | 576.2 | 20.2 | 541.2 | | 519.1 | |
| C1-NAPHTHALENES | 2199.2 | | 2434.8 | 125.9 | 2179.6 | | 2152.4 | |
| C2-NAPHTHALENES | 2482.4 | | 1902.8 | 160.0 | 2519.0 | | 2472.2 | |
| C3-NAPHTHALENES | 2252.0 | | 1440.7 | 217.6 | 2319.9 | | 2331.1 | |
| C4-NAPHTHALENES | 1428.5 | | 789.3 | 158.7 | 1492.4 | | 1485.4 | |
| BIPHENYL * | 188.4 | | 193.9 | 20.4 | 200.4 | | 181.8 | |
| ACENAPHTHYLENE | 0.6 | J | 1.3 | 0.5 | 1.2 | J | 0.5 | J |
| ACENAPHTHENE * | 15.4 | J | 17.4 | 1.7 | 16.7 | J | 16.2 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk | | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | |
| SITE | | | LABORATORY | | | | | |
| LABSAMNO | W1789 | | RUNNING | | W1792 | | W1794 | |
| SAMPLE TYPE | REF | | AVERAGE | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Conc | DB QUAL | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 84.0 | | 93.2 | 7.6 | 86.2 | | 82.5 | |
| C1-FLUORENES | 246.3 | | 213.3 | 31.4 | 271.1 | | 254.4 | |
| C2-FLUORENES | 526.6 | | 343.7 | 35.0 | 570.9 | | 525.2 | |
| C3-FLUORENES | 643.9 | | 370.1 | 61.6 | 697.8 | | 667.4 | |
| PHENANTHRENE * | 245.0 | | 266.0 | 23.0 | 252.8 | | 247.0 | |
| ANTHRACENE * | 8.9 | J | 5.9 | 2.8 | 9.1 | J | 10.0 | J |
| C1-PHEN_ANTHR | 659.9 | | 583.2 | 91.0 | 675.4 | | 683.4 | |
| C2-PHEN_ANTHR | 844.6 | | 656.2 | 106.3 | 866.3 | | 889.1 | |
| C3-PHEN_ANTHR | 825.6 | | 481.9 | 128.7 | 869.4 | | 903.4 | |
| C4-PHEN_ANTHR | 433.2 | | 212.4 | 75.3 | 469.23 | | 510.5 | |
| DIBENZOTHIO | 200.7 | | 218.9 | 22.1 | 198.4 | | 193.9 | |
| C1-DIBEN | 467.6 | | 414.9 | 66.3 | 473.7 | | 507.2 | |
| C2-DIBEN | 758.1 | | 571.6 | 106.8 | 790.9 | | 843.3 | |
| C3-DIBEN | 763.4 | | 506.5 | 90.8 | 787.3 | | 824.3 | |
| FLUORANTHENE * | 3.6 | J | 5.0 | 1.1 | 4.6 | J | 5.5 | J |
| PYRENE * | 10.7 | J | 13.1 | 2.3 | 11.5 | J | 8.6 | J |
| C1-FLUORAN_PYR | 92.85 | | 94.0 | 18.2 | 102.68 | | 120.31 | |
| BENaANTHRACENE * | 4.2 | J | 5.6 | 1.0 | 5.7 | J | 5.2 | J |
| CHRYSENE * | 47.4 | | 52.4 | 5.4 | 44.4 | | 49.6 | |
| C1-CHRYSENES | 81.2 | | 91.4 | 63.5 | 86.0 | | 92.1 | |
| C2-CHRYSENES | 126.3 | | 115.5 | 77.6 | 133.1 | | 138.4 | |
| C3-CHRYSENES | 25.8 | | 30.4 | 22.2 | 22.9 | | 27.1 | |
| C4-CHRYSENES | 16.42 | J | 21.5 | 18.0 | 20.36 | | 21.23 | |
| TOTAL BENk/BENbFLUORAN | 6.2 | | 3.5 | 0.4 | 6.8 | | 7.1 | |
| BENePYRENE * | 12.4 | J | 11.3 | 1.1 | 11.8 | J | 12.2 | J |
| BENaPYRENE * | 1.0 | J | 2.0 | 0.7 | 1.3 | J | 2.7 | J |

# Mussel Watch Project Year 9 - PAH QC Data (Tissue)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | GERG Std Chk | | GERG Std Chk III | | GERG Std Chk | | GERG Std Chk | |
| SITE | | | LABORATORY | | | | | |
| LABSAMNO | W1789 | | RUNNING | | W1792 | | W1794 | |
| SAMPLE TYPE | REF | | AVERAGE | | REF | | REF | |
| UNIT | ng/amp | | ng/amp | | ng/amp | | ng/amp | |
| PNA Analyte | Conc | DB QUAL | Average | Std Dev. | Conc | DB QUAL | Conc | DB QUAL |
| PERYLENE * | 2.6 | J | 2.0 | 0.6 | 2.6 | J | 2.1 | J |
| I123cdPYRENE | 1.1 | J | 0.9 | 0.3 | 0.7 | J | 0.9 | J |
| DBahANTHRA * | 1.4 | J | 1.8 | 0.5 | 1.3 | J | 1.2 | J |
| BghiPERYLENE | 3.63 | J | 4.2 | 0.9 | 4.4 | J | 4.49 | J |
| TOTAL PAHs | 16258.2 | | 12752.3 | | 16748.9 | | 16799.3 | |
| S&T Total PAHs (*) | 4645.71 | | 5072.3 | | 4778.85 | | 4571.83 | |
| 2-METHYLNAPH * | 1210.8 | | 1347.9 | 70.7 | 1208.1 | | 1178.7 | |
| 1-METHYLNAPH * | 988.5 | | 1086.9 | 58.1 | 971.5 | | 973.7 | |
| 2,6-DIMETHNAPH * | 707.4 | | 775.3 | 64.6 | 747.2 | | 695.0 | |
| 1,6,7-TRIMETHNAPH * | 390.3 | | 438.9 | 30.2 | 424.0 | | 402.3 | |
| 1-METHYLPHEN * | 176.59 | | 177.6 | 21.4 | 238.47 | | 178.41 | |

# PAH Data
# (Sediment)

# Mussel Watch Project Year 9 - PAH Data (Sediment)

| INVEST# | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | | Joe Bay | |
| LABSAMNO | K8098 | | K8099 | | K8100 | | K8113 | | K8114 | | K8115 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | |
| QCBATCH | M2106 | | M2106 | | M2106 | | M2106 | | M2106 | | M2106 | |
| EXTRACTION DATE | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | |
| METHOD | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 08/06/94 | | 08/06/94 | | 08/09/94 | | 08/07/94 | | 08/07/94 | | 08/07/94 | |
| MATRIX | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | |
| SUBMAT | | | | | | | | | | | | |
| WETWT | 30.03 | | 30.07 | | 30.22 | | 30.21 | | 30.16 | | 30.19 | |
| DRYWT | 8.95 | | 8.27 | | 8.05 | | 8.73 | | 9.46 | | 8.87 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | 29.8% | | 27.5% | | 26.7% | | 28.9% | | 31.3% | | 29.4% | |
| Surrogate Recoveries PAHs | | | | | | | | | | | | |
| NAPHD8 | 75.0 | | 70.8 | | 61.2 | | 67.0 | | 85.6 | | 81.0 | |
| ACEND10 | 77.2 | | 76.0 | | 67.4 | | 73.2 | | 91.7 | | 79.8 | |
| PHEND10 | 68.9 | | 72.7 | | 60.0 | | 65.2 | | 80.7 | | 75.5 | |
| CHRYD12 | 79.6 | | 71.2 | | 66.3 | | 78.3 | | 94.7 | | 81.7 | |
| PERYD12 | 73.7 | | 63.4 | | 64.0 | | 60.7 | | 74.3 | | 70.2 | |
| NAPHTHALENE * | 4.3 | J | 2.5 | J | 3.0 | J | 2.5 | J | 1.4 | J | 1.7 | J |
| C1-NAPHTHALENES | 6.6 | J | 2.3 | J | 2.8 | J | 2.5 | J | 1.3 | J | 1.5 | J |
| C2-NAPHTHALENES | 5.4 | J | 1.6 | J | 2.5 | J | 1.7 | J | 1.3 | J | 1.3 | J |
| C3-NAPHTHALENES | 6.7 | J | 2.8 | J | 3.7 | J | | ND | | ND | | ND |
| C4-NAPHTHALENES | 4.9 | J | | ND | | ND | | ND | | ND | | ND |
| BIPHENYL * | 1.0 | J | 0.5 | J | 0.7 | J | 0.4 | J | 0.3 | J | 0.4 | J |
| ACENAPHTHYLENE | 10.0 | | 0.3 | J | 0.5 | J | 0.2 | J | 0.3 | J | 0.2 | J |
| ACENAPHTHENE * | 0.7 | J | 0.2 | J | 0.3 | J | 0.1 | J | 0.2 | J | 0.2 | J |

# Mussel Watch Project Year 9 - PAH Data (Sediment)

| INVEST# | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | | Joe Bay | |
| LABSAMNO | K8098 | | K8099 | | K8100 | | K8113 | | K8114 | | K8115 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| FLUORENE * | 4.4 | J | 0.3 | J | 0.4 | J | 0.4 | J | 0.3 | J | 0.4 | J |
| C1-FLUORENES | 3.5 | J | | ND | 1.0 | J | | ND | 0.5 | J | | ND |
| C2-FLUORENES | 10.0 | J | | ND | 1.9 | J | | ND | 1.2 | J | | ND |
| C3-FLUORENES | 13.6 | | | ND | 6.3 | J | | ND | 2.3 | J | | ND |
| PHENANTHRENE * | 18.0 | | 1.3 | J | 1.8 | J | 1.6 | J | 1.4 | J | 1.1 | J |
| ANTHRACENE * | 56.7 | | 0.3 | J | 0.9 | J | 0.3 | J | 0.6 | J | 0.3 | J |
| C1-PHEN_ANTHR | 22.3 | | | ND | 21.3 | | 0.8 | J | 1.3 | J | 0.7 | J |
| C2-PHEN_ANTHR | 27.5 | | | ND | 38.0 | | 1.6 | J | 2.6 | J | 1.0 | J |
| C3-PHEN_ANTHR | 22.3 | | | ND | 22.4 | | 1.2 | J | 1.1 | J | 1.6 | J |
| C4-PHEN_ANTHR | 10.2 | J | | ND | | ND | | ND | | ND | | ND |
| DIBENZOTHIO | 0.9 | J | 0.1 | J | 0.2 | J | 0.1 | J | 0.1 | J | 0.1 | J |
| C1-DIBEN | 1.8 | J | | ND | | ND | | ND | | ND | | ND |
| C2-DIBEN | 4.1 | J | | ND | | ND | | ND | | ND | | ND |
| C3-DIBEN | 6.1 | J | | ND | | ND | | ND | | ND | | ND |
| FLUORANTHENE * | 86.1 | | 1.7 | J | 5.5 | | 2.4 | J | 3.6 | | 1.4 | J |
| PYRENE * | 80.0 | | 1.3 | J | 5.3 | J | 1.3 | J | 3.4 | J | 1.1 | J |
| C1-FLUORAN_PYR | 66.6 | | 1.0 | J | 3.8 | J | 1.0 | J | 2.4 | J | 0.4 | J |
| BENaANTHRACENE * | 49.6 | | 1.3 | J | 1.6 | J | 0.4 | J | 1.2 | J | 0.9 | J |
| CHRYSENE * | 65.1 | | 0.9 | J | 2.9 | J | 0.6 | J | 1.5 | J | 0.7 | J |
| C1-CHRYSENES | 28.5 | | 0.6 | J | 3.4 | J | 0.5 | J | 1.8 | J | | ND |
| C2-CHRYSENES | 15.0 | J | 0.9 | J | 2.1 | J | 0.5 | J | 1.4 | J | | ND |
| C3-CHRYSENES | 1.0 | J | | ND | | ND | | ND | | ND | | ND |
| C4-CHRYSENES | 7.1 | J | | ND | | ND | | ND | | ND | | ND |
| BENbFLUORAN | 50.2 | | 0.8 | J | 2.5 | J | 0.7 | J | 1.6 | J | 0.6 | J |
| BENkFLUORAN | 50.2 | | 0.8 | J | 2.5 | J | 0.7 | J | 1.6 | J | 0.6 | J |
| BENePYRENE * | 35.7 | | 0.6 | J | 2.1 | J | 0.5 | J | 1.2 | J | 0.5 | J |
| BENaPYRENE * | 40.7 | | 0.6 | J | 2.3 | J | 0.5 | J | 1.4 | J | 0.5 | J |

# Mussel Watch Project Year 9 - PAH Data (Sediment)

| INVEST# | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | | Joe Bay | |
| LABSAMNO | K8098 | | K8099 | | K8100 | | K8113 | | K8114 | | K8115 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| PNA Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| PERYLENE * | 9.5 | J | 0.1 | J | 0.6 | J | 0.2 | J | 0.4 | J | 0.1 | J |
| I123cdPYRENE | 26.3 | | 0.5 | J | 1.7 | J | 0.6 | J | 1.0 | J | 0.4 | J |
| DBahANTHRA * | 7.0 | | 0.1 | J | 0.4 | J | 0.1 | J | 0.2 | J | 0.1 | J |
| BghiPERYLENE | 27.3 | | 0.6 | J | 2.2 | J | 0.6 | J | 1.4 | J | 0.6 | J |
| TOTAL PAHs (w/o PERYLENE) | 877.6 | | 23.8 | | 145.8 | | 23.6 | | 39.8 | | 18.2 | |
| S&T Total PAHs (*) | 479.0 | | 15.4 | | 32.4 | | 14.8 | | 19.5 | | 11.7 | |
| 2-METHYLNAPH * | 4.4 | J | 1.2 | J | 1.8 | J | 1.4 | J | 0.8 | J | 0.8 | J |
| 1-METHYLNAPH * | 2.2 | J | 1.1 | J | 1.0 | J | 1.1 | J | 0.5 | J | 0.7 | J |
| 2,6-DIMETHNAPH * | 2.8 | J | 0.4 | J | 0.9 | J | 0.5 | J | 0.3 | J | 0.5 | J |
| 1,6,7-TRIMETHNAPH * | 1.4 | J | 0.3 | J | 0.5 | J | 0.5 | J | 0.2 | J | 0.2 | J |
| 1-METHYLPHEN * | 9.4 | | 0.6 | J | 0.6 | J | 0.2 | J | 0.7 | J | 0.2 | J |
| Surrogate Recoveries | | | | | | | | | | | | |
| NAPHD8 | 75.0 | | 70.8 | | 61.2 | | 67.0 | | 85.6 | | 81.0 | |
| ACEND10 | 77.2 | | 76.0 | | 67.4 | | 73.2 | | 91.7 | | 79.8 | |
| PHEND10 | 68.9 | | 72.7 | | 60.0 | | 65.2 | | 80.7 | | 75.5 | |
| CHRYD12 | 79.6 | | 71.2 | | 66.3 | | 78.3 | | 94.7 | | 81.7 | |
| PERYD12 | 73.7 | | 63.4 | | 64.0 | | 60.7 | | 74.3 | | 70.2 | |

# PAH QC Data
# (Sediment)

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|
| ID | Proc Blank | | FBFO | | FBFO | |
| SITE | | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | MS | | MSD | |
| UNIT | ng/g | | % | | % | |
| PNA Analyte | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| RECEIPT DATE | | | | | | |
| QCBATCH | M2106 | | M2106 | | M2106 | |
| EXTRACTION DATE | 07/19/94 | | 07/19/94 | | 07/19/94 | |
| METHOD | GCMS | | GCMS | | GCMS | |
| ANALYSIS DATE | 08/06/94 | | 08/06/94 | | 08/06/94 | |
| MATRIX | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | |
| SUBMAT | | | | | | |
| WETWT | | | 30.12 | | 30.10 | |
| DRYWT | 10.00 | | 8.03 | | 8.02 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 26.7% | | 26.7% | |
| Surrogate | | | | | | |
| Recoveries PAHs | | | | | | |
| NAPHD8 | 75.0 | | 69.0 | | 73.3 | |
| ACEND10 | 60.7 | | 75.0 | | 75.6 | |
| PHEND10 | 50.6 | | 76.2 | | 75.6 | |
| CHRYD12 | 63.2 | | 69.2 | | 62.4 | |
| PERYD12 | 26.9 | Q | 56.2 | | 63.3 | |
| NAPHTHALENE * | 0.7 | J | 86.7 | | 82.7 | |
| C1-NAPHTHALENES | 0.4 | J | | NA | | NA |
| C2-NAPHTHALENES | | ND | | NA | | NA |
| C3-NAPHTHALENES | | ND | | NA | | NA |
| C4-NAPHTHALENES | | ND | | NA | | NA |
| BIPHENYL * | 0.2 | J | 83.8 | | 87.3 | |
| ACENAPHTHYLENE | 0.0 | J | 90.2 | | 90.1 | |
| ACENAPHTHENE * | 0.1 | J | 92.8 | | 92.0 | |

NC=Non Certified

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|
| ID | Proc Blank | | FBFO | | FBFO | |
| SITE | | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | MS | | MSD | |
| UNIT | ng/g | | % | | % | |
| PNA Analyte | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| FLUORENE * | 0.1 | J | 96.1 | | 92.3 | |
| C1-FLUORENES | | ND | | NA | | NA |
| C2-FLUORENES | | ND | | NA | | NA |
| C3-FLUORENES | | ND | | NA | | NA |
| PHENANTHRENE * | 0.6 | J | 84.2 | | 82.0 | |
| ANTHRACENE * | 0.1 | J | 74.2 | | 77.2 | |
| C1-PHEN_ANTHR | | ND | | NA | | NA |
| C2-PHEN_ANTHR | | ND | | NA | | NA |
| C3-PHEN_ANTHR | | ND | | NA | | NA |
| C4-PHEN_ANTHR | | ND | | NA | | NA |
| DIBENZOTHIO | 0.0 | J | 75.5 | | 78.5 | |
| C1-DIBEN | | ND | | NA | | NA |
| C2-DIBEN | | ND | | NA | | NA |
| C3-DIBEN | | ND | | NA | | NA |
| FLUORANTHENE * | 0.2 | J | 114.8 | | 69.2 | |
| PYRENE * | 0.3 | J | 81.9 | | 72.1 | |
| C1-FLUORAN_PYR | | ND | | NA | | NA |
| BENaANTHRACENE * | 0.0 | J | 69.9 | | 107.5 | |
| CHRYSENE * | 0.1 | J | 86.9 | | 95.0 | |
| C1-CHRYSENES | | ND | | NA | | NA |
| C2-CHRYSENES | | ND | | NA | | NA |
| C3-CHRYSENES | | ND | | NA | | NA |
| C4-CHRYSENES | | ND | | NA | | NA |
| BENbFLUORAN | 0.0 | J | 99.2 | | 95.6 | |
| BENkFLUORAN | 0.0 | J | 88.9 | | 86.5 | |
| BENePYRENE * | 0.0 | J | 88.2 | | 91.0 | |
| BENaPYRENE * | 0.0 | J | 92.0 | | 92.1 | |

NC=Non Certified

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST# | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|
| ID | Proc Blank | | FBFO | | FBFO | |
| SITE | | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | MS | | MSD | |
| UNIT | ng/g | | % | | % | |
| PNA Analyte | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| PERYLENE * | 0.1 | J | 88.6 | | 92.2 | |
| I123cdPYRENE | 0.0 | J | 75.2 | | 78.9 | |
| DBahANTHRA * | 0.0 | J | 77.8 | | 84.1 | |
| BghiPERYLENE | 0.0 | J | 78.5 | | 71.2 | |
| TOTAL PAHs | 2.9 | | AVG % RECOV | | AVG % RECOV | |
| (w/o PERYLENE) | | | 86.9 | | 86.3 | |
| S&T Total PAHs (*) | 3.2 | | | | | |
| 2-METHYLNAPH * | 0.2 | J | 83.8 | | 83.3 | |
| 1-METHYLNAPH * | 0.2 | J | 93.6 | | 94.2 | |
| 2,6-DIMETHNAPH * | 0.2 | J | 82.7 | | 82.5 | |
| 1,6,7-TRIMETHNAPH * | 0.1 | J | 97.4 | | 96.3 | |
| 1-METHYLPHEN * | 0.1 | J | 88.7 | | 83.6 | |
| Surrogate Recoveries | | | | | | |
| NAPHD8 | 75.0 | | 69.0 | | 73.3 | |
| ACEND10 | 60.7 | | 75.0 | | 75.6 | |
| PHEND10 | 50.6 | | 76.2 | | 75.6 | |
| CHRYD12 | 63.2 | | 69.2 | | 62.4 | |
| PERYD12 | 26.9 | Q | 56.2 | | 63.3 | |

NC=Non Certified

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST# | NIST SRM 1941a | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Certified Values | | SRM 1941a | | GERG Std Chk III | | GERG Std Chk | |
| SITE | | | | | LABORATORY | | | |
| LABSAMNO | SRM | | Q9573 | | RUNNING | | W1538 | |
| SAMPLE TYPE | | | SRM | | AVERAGE | | REF | |
| UNIT | ng/g | | ng/g | | ng/amp | | ng/amp | |
| PNA Analyte | Values | Range | Conc | DB QUAL | Average | Std Dev | Conc | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | | | M2106 | | | | M2106 | |
| EXTRACTION DATE | | | 07/19/94 | | | | | |
| METHOD | | | GCMS | | | | GCMS | |
| ANALYSIS DATE | | | 08/06/94 | | | | 08/05/94 | |
| MATRIX | | | SEDIMENTS | | | | OIL | |
| SUBMAT | SEDIMENT | | | | | | | |
| WETWT | | | | | | | | |
| DRYWT | | | 1.01 | | | | | |
| WTUNITS | | | GRAMS | DRY | | | | |
| PCTSOLIDS | | | | | | | | |
| Surrogate | | | | | | | | |
| Recoveries PAHs | | | | | | | | |
| NAPHD8 | | | 78.9 | | | | | NA |
| ACEND10 | | | 83.5 | | | | | NA |
| PHEND10 | | | 82.8 | | | | | NA |
| CHRYD12 | | | 77.4 | | | | | NA |
| PERYD12 | | | 65.2 | | | | | NA |
| NAPHTHALENE * | 1010 | +/-140 | 792.3 | | 576.2 | 20.2 | 549.1 | |
| C1-NAPHTHALENES | | | 368.5 | | 2434.8 | 125.9 | 2284.9 | |
| C2-NAPHTHALENES | | | 223.5 | | 1902.8 | 160.0 | 2103.2 | |
| C3-NAPHTHALENES | | | 182.9 | | 1440.7 | 217.6 | 1605.5 | |
| C4-NAPHTHALENES | | | 67.7 | J | 789.3 | 158.7 | 508.7 | |
| BIPHENYL * | NC 175 | +/-18 | 70.5 | J | 193.9 | 20.4 | 192.5 | |
| ACENAPHTHYLENE | NC 37 | +/-14 | 61.7 | | 1.3 | 0.5 | 0.8 | J |
| ACENAPHTHENE * | NC 41 | +/-10 | 40.9 | J | 17.4 | 1.7 | 19.2 | J |

NC=Non Certified

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST#<br>ID<br>SITE<br>LABSAMNO<br>SAMPLE TYPE<br>UNIT<br>PNA Analyte | NIST SRM 1941a<br>Certified Values<br><br>SRM<br><br>ng/g<br>Values | Range | Lab QA Sample<br>SRM 1941a<br><br>Q9573<br>SRM<br>ng/g<br>Conc | DB QUAL | Lab QA Sample<br>GERG Std Chk III<br>LABORATORY<br>RUNNING<br>AVERAGE<br>ng/amp<br>Average | Std Dev | Lab QA Sample<br>GERG Std Chk<br><br>W1538<br>REF<br>ng/amp<br>Conc | DB QUAL |
|---|---|---|---|---|---|---|---|---|
| FLUORENE * | 97 | +/-8.6 | 75.9 | | 93.2 | 7.6 | 96.3 | |
| C1-FLUORENES | | | 68.0 | J | 213.3 | 31.4 | 226.7 | |
| C2-FLUORENES | | | 122.4 | | 343.7 | 35.0 | 364.2 | |
| C3-FLUORENES | | | 141.3 | | 370.1 | 61.6 | 406.8 | |
| PHENANTHRENE * | 489 | +/-23 | 434.6 | | 266.0 | 23.0 | 279.9 | |
| ANTHRACENE * | 184 | +/-14 | 156.6 | | 5.9 | 2.8 | 12.0 | J |
| C1-PHEN_ANTHR | | | 269.7 | | 583.2 | 91.0 | 600.3 | |
| C2-PHEN_ANTHR | | | 236.9 | | 656.2 | 106.3 | 722.3 | |
| C3-PHEN_ANTHR | | | 196.6 | | 481.9 | 128.7 | 567.1 | |
| C4-PHEN_ANTHR | | | 105.1 | J | 212.4 | 75.3 | 210.0 | |
| DIBENZOTHIO | NC 70 | +/-9.4 | 45.1 | J | 218.9 | 22.1 | 202.6 | |
| C1-DIBEN | | | 63.2 | J | 414.9 | 66.3 | 412.1 | |
| C2-DIBEN | | | 102.8 | J | 571.6 | 106.8 | 486.8 | |
| C3-DIBEN | | | 99.6 | J | 506.5 | 90.8 | 469.0 | |
| FLUORANTHENE * | 981 | +/-78 | 812.9 | | 5.0 | 1.1 | 3.8 | J |
| PYRENE * | 811 | +/-24 | 650.7 | | 13.1 | 2.3 | 10.4 | J |
| C1-FLUORAN_PYR | | | 400.3 | | 94.0 | 18.2 | 70.8 | |
| BENaANTHRACENE * | 427 | +/-25 | 336.5 | | 5.6 | 1.0 | 3.4 | J |
| CHRYSENE * | 380 | +/-24 | 498.8 | | 52.4 | 5.4 | 57.9 | |
| C1-CHRYSENES | | | 254.9 | | 91.4 | 63.5 | 75.2 | |
| C2-CHRYSENES | | | 152.8 | | 115.5 | 77.6 | 97.9 | |
| C3-CHRYSENES | | | 12.2 | J | 30.4 | 22.2 | 16.4 | J |
| C4-CHRYSENES | | | 85.4 | J | 21.5 | 18.0 | 13.9 | J |
| BENbFLUORAN | 740 | +/-110 | 523.1 | | 3.5 | 0.4 | 4.3 | J |
| BENkFLUORAN | 361 | +/-18 | 523.1 | | 3.5 | 0.4 | 4.3 | J |
| BENePYRENE * | 553 | +/-59 | 445.1 | | 11.3 | 1.1 | 12.4 | J |
| BENaPYRENE * | 628 | +/-52 | 481.4 | | 2.0 | 0.7 | 2.2 | J |

NC=Non Certified

# Mussel Watch Project Year 9 - PAH QC Data (Sediment)

| INVEST# | NIST SRM 1941a | | Lab QA Sample | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Certified Values | | SRM 1941a | | GERG Std Chk III | | GERG Std Chk | |
| SITE | | | | | LABORATORY | | | |
| LABSAMNO | SRM | | Q9573 | | RUNNING | | W1538 | |
| SAMPLE TYPE | | | SRM | | AVERAGE | | REF | |
| UNIT | ng/g | | ng/g | | ng/amp | | ng/amp | |
| PNA Analyte | Values | Range | Conc | DB QUAL | Average | Std Dev | Conc | DB QUAL |
| PERYLENE * | 452 | +/-58 | 271.2 | J | 2.0 | 0.6 | 1.0 | J |
| I123cdPYRENE | 501 | +/-72 | 371.7 | | 0.9 | 0.3 | 0.4 | J |
| DBahANTHRA * | 74 | +/-6.8 | 93.3 | | 1.8 | 0.5 | 1.4 | J |
| BghiPERYLENE | 525 | +/-67 | 388.8 | | 4.2 | 0.9 | 4.1 | J |
| TOTAL PAHs | | | 9956.5 | | 12750.2 | | 12698.6 | |
| (w/o PERYLENE) | | | | | | | | |
| S&T Total PAHs (*) | | | 5766.2 | | 5072.3 | | 4962.9 | |
| 2-METHYLNAPH * | | | 246.4 | | 1347.9 | 70.7 | 1244.3 | |
| 1-METHYLNAPH * | | | 122.2 | | 1086.9 | 58.1 | 1040.6 | |
| 2,6-DIMETHNAPH * | | | 113.1 | | 775.3 | 64.6 | 784.6 | |
| 1,6,7-TRIMETHNAPH * | | | 52.4 | | 438.9 | 30.2 | 482.0 | |
| 1-METHYLPHEN * | NC 101 | +/-27 | 71.6 | | 177.6 | 21.4 | 170.0 | |
| Surrogate Recoveries | | | | | | | | |
| NAPHD8 | | | 78.9 | | | | | NA |
| ACEND10 | | | 83.5 | | | | | NA |
| PHEND10 | | | 82.8 | | | | | NA |
| CHRYD12 | | | 77.4 | | | | | NA |
| PERYD12 | | | 65.2 | | | | | NA |

NC=Non Certified

# Pesticide and PCB Results

# Pesticides and PCBs Data (Tissue)

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | LMSB | | LMPI | | LMAC | | CCNB | | ABLR | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | L. Laguna Madre | | L. Laguna Madre | | L. Laguna Madre | | Corpus Christi | | Aransas Bay | |
| SITE | South Bay | | Port Isabel | | Arroyo Colorado | | Nueces Bay | | Long Reef | |
| LABSAMNO | K8008 | | K8016 | | K8012 | | K8018 | | K8032 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/10/93 | | 12/10/93 | | 12/10/93 | | 12/16/93 | | 12/17/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | | 09/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.23 | | 10.02 | | 10.15 | | 10.03 | | 10.05 | |
| DRYWT | 1.06 | | 1.32 | | 1.70 | | 2.21 | | 1.65 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 10.3 | | 13.2 | | 16.7 | | 22.0 | | 16.4 | |
| % LIPIDS | 4.1 | | 3.3 | | 10.9 | | 2.0 | | 18.7 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 66.1 | | 59.4 | | 58.8 | | 57.2 | | 72.4 | |
| PCB#103 | 68.9 | | 58.5 | | 62.2 | | 55.7 | | 74.3 | |
| PCB#198 | 71.6 | | 64.4 | | 68.4 | | 63.1 | | 74.2 | |
| TOTAL BHCs | 1.7 | J | 1.5 | J | 4.6 | | 9.9 | | 1.8 | J |
| TOT CHLORDANES (S&T) | 0.0 | ND | 3.2 | | 1.1 | J | 6.9 | | 22.3 | |
| TOTAL DDTs | 3.8 | J | 10.6 | | 32.3 | | 29.1 | | 14.5 | |
| TOTAL PCBs (S&T) | 14.9 | J | 70.3 | | 24.7 | J | 99.1 | | 26.3 | J |
| ALPHA-BHC | 1.3 | | 0.9 | | 0.9 | | 1.1 | | 0.6 | |
| HCB | 0.0 | ND | 0.1 | J | 0.1 | J | 0.0 | ND | 0.2 | J |
| BETA-BHC | 0.4 | J | 0.6 | J | 3.7 | | 1.3 | | 1.1 | |
| GAMMA-BHC | 0.0 | ND | 0.0 | ND | 0.0 | ND | 7.5 | | 0.0 | ND |
| DELTA-BHC | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 0.0 | ND | 1.0 | | 0.9 | | 0.2 | J | 0.1 | J |
| HEPTA-EPOXIDE | 0.0 | ND | 0.5 | J | 0.2 | J | 0.8 | | 1.1 | |
| OXYCHLORDANE | 0.0 | ND | 0.6 | J | 2.3 | | 0.5 | | 0.3 | J |
| GAMMA-CHLORDANE | 0.0 | ND | 0.8 | | 0.4 | J | 2.4 | | 1.0 | |
| ALPHA-CHLORDANE | 0.0 | ND | 0.8 | | 0.0 | ND | 2.8 | | 19.3 | |
| TRANS-NONACHLOR | 0.0 | ND | 0.9 | | 0.0 | ND | 3.0 | | 2.0 | |
| CIS-NONACHLOR | 0.0 | ND | 0.7 | J | 0.7 | | 1.9 | | 0.9 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | LMSB | | LMPI | | LMAC | | CCNB | | ABLR | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | L. Laguna Madre | | L. Laguna Madre | | L. Laguna Madre | | Corpus Christi | | Aransas Bay | |
| SITE | South Bay | | Port Isabel | | Arroyo Colorado | | Nueces Bay | | Long Reef | |
| LABSAMNO | K8008 | | K8016 | | K8012 | | K8018 | | K8032 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 1.2 | | 0.0 | ND | 0.1 | J | 1.4 | | 0.7 | |
| DIELDRIN | 0.0 | ND | 0.8 | | 1.8 | | 2.1 | | 2.0 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.2 | J | 4.4 | | 0.0 | ND |
| MIREX | 0.1 | J | 0.4 | J | 0.6 | | 0.1 | J | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 1.1 | | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 3.6 | | 5.1 | | 32.3 | | 20.3 | | 11.1 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 1.9 | | 0.0 | ND | 0.5 | | 0.0 | ND |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 2.0 | | 0.0 | ND | 4.4 | | 1.5 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.3 | J | 0.0 | ND | 1.1 | | 0.2 | J |
| 4,4'DDT (P,P'DDT) | 0.2 | J | 1.4 | | 0.0 | ND | 1.7 | | 1.8 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 1.3 | J | 0.0 | ND | 0.5 | J | 0.4 | J |
| 18 (CL3) | 0.0 | J | 0.7 | J | 1.1 | J | 0.6 | J | 0.0 | ND |
| 28 (CL3) | 0.0 | ND | 2.3 | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 44 (CL4) | 0.0 | ND | 1.5 | J | 0.4 | J | 2.0 | | 3.6 | |
| 52 (CL4) | 0.6 | J | 4.2 | | 0.7 | J | 3.0 | | 0.5 | J |
| 66 (CL4) | 0.0 | ND | 4.5 | | 0.0 | ND | 1.5 | | 0.0 | ND |
| 101 (CL5) | 2.2 | | 4.2 | | 2.8 | | 3.9 | | 0.9 | J |
| 105 (CL5) | 0.0 | ND | 2.0 | | 0.0 | ND | 1.5 | | 0.2 | J |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 0.0 | ND | 6.3 | | 0.0 | ND | 6.1 | | 0.3 | J |
| 128 (CL6) | 0.0 | ND | 0.3 | J | 0.3 | J | 0.9 | | 0.4 | J |
| 138 (CL6) | 0.0 | ND | 2.6 | | 1.8 | | 6.6 | | 1.7 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 1.4 | J | 3.3 | | 0.7 | J | 9.9 | | 1.0 | J |
| 170 (CL7) | 0.0 | ND | 3.4 | | 1.1 | J | 0.9 | | 0.6 | J |
| 180 (CL7) | 0.2 | J | 0.0 | ND | 0.4 | J | 5.9 | | 1.0 | J |
| 187/182/159(CL7/7/6) | 0.0 | ND | 0.8 | J | 0.0 | ND | 5.5 | | 0.7 | J |
| 195 (CL8) | 1.3 | J | 0.0 | ND | 0.9 | J | 1.0 | | 0.0 | ND |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.5 | J | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MBAR | | SAPP | | ESSP | | ESBD | | MBGP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mesquite Bay | | San Antonio Bay | | Espiritu Santo | | Espiritu Santo | | Matagorda Bay | |
| SITE | Ayres Reef | | Panther Point Reef | | South Pass Reef | | Bill Day's Reef | | Gallinipper Point | |
| LABSAMNO | K8020 | | K8026 | | K8030 | | K8028 | | K8024 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/16/93 | | 12/16/93 | | 12/17/93 | | 12/17/93 | | 12/16/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/27/94 | | 08/28/94 | | 08/28/94 | | 08/28/94 | | 08/28/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.02 | | 10.02 | | 10.02 | | 10.04 | | 10.04 | |
| DRYWT | 1.37 | | 1.81 | | 1.90 | | 1.28 | | 1.65 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 13.7 | | 18.0 | | 18.9 | | 12.8 | | 16.4 | |
| % LIPIDS | 10.9 | | 15.3 | | 14.9 | | 6.2 | | 14.7 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 63.9 | | 59.2 | | 67.3 | | 60.9 | | 62.5 | |
| PCB#103 | 64.0 | | 53.4 | | 63.0 | | 61.2 | | 60.2 | |
| PCB#198 | 75.6 | | 69.8 | | 82.3 | | 68.6 | | 74.5 | |
| TOTAL BHCs | 12.3 | | 5.0 | | 13.1 | | 3.2 | | 6.4 | |
| TOT CHLORDANES (S&T) | 2.7 | J | 2.3 | | 4.5 | | 2.4 | J | 5.9 | |
| TOTAL DDTs | 13.7 | | 16.6 | | 15.6 | | 11.6 | | 58.9 | |
| TOTAL PCBs (S&T) | 38.6 | J | 45.0 | | 87.9 | | 59.6 | J | 90.1 | |
| ALPHA-BHC | 1.6 | | 1.1 | | 1.1 | | 1.8 | | 1.2 | |
| HCB | 0.0 | ND | 0.0 | J | 0.1 | J | 0.0 | ND | 0.0 | J |
| BETA-BHC | 2.5 | | 2.7 | | 3.4 | | 1.5 | | 4.6 | |
| GAMMA-BHC | 7.2 | | 0.7 | | 8.0 | | 0.0 | ND | 0.7 | |
| DELTA-BHC | 1.1 | | 0.5 | J | 0.7 | | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 0.0 | ND | 0.5 | J | 0.5 | J | 0.0 | ND | 0.7 | |
| HEPTA-EPOXIDE | 0.5 | J | 0.0 | ND | 0.0 | ND | 0.8 | J | 0.0 | ND |
| OXYCHLORDANE | 0.0 | ND | 0.5 | J | 0.5 | | 0.0 | ND | 0.5 | J |
| GAMMA-CHLORDANE | 0.7 | J | 0.7 | | 0.7 | | 0.3 | J | 1.7 | |
| ALPHA-CHLORDANE | 1.0 | | 0.0 | ND | 2.7 | | 1.2 | | 3.4 | |
| TRANS-NONACHLOR | 1.3 | | 1.8 | | 1.3 | | 0.4 | J | 1.9 | |
| CIS-NONACHLOR | 0.9 | | 1.6 | | 1.8 | | 0.0 | ND | 2.7 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MBAR | | SAPP | | ESSP | | ESBD | | MBGP | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mesquite Bay | | San Antonio Bay | | Espiritu Santo | | Espiritu Santo | | Matagorda Bay | |
| SITE | Ayres Reef | | Panther Point Reef | | South Pass Reef | | Bill Day's Reef | | Gallinipper Point | |
| LABSAMNO | K8020 | | K8026 | | K8030 | | K8028 | | K8024 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.6 | J | 0.5 | J | 0.7 | | 0.0 | ND | 0.0 | ND |
| DIELDRIN | 1.3 | | 1.6 | | 2.2 | | 2.2 | | 2.1 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| MIREX | 0.2 | J | 0.9 | | 0.8 | | 0.1 | J | 1.0 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 0.3 | J | 0.0 | ND | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 12.0 | | 11.2 | | 10.0 | | 11.4 | | 48.4 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.2 | J |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 2.9 | | 2.8 | | 0.0 | ND | 7.0 | |
| 2,4'DDT (O,P'DDT) | 0.7 | J | 0.9 | | 1.1 | | 0.0 | ND | 1.1 | |
| 4,4'DDT (P,P'DDT) | 1.0 | | 1.7 | | 1.4 | | 0.1 | J | 2.1 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.5 | J | 0.2 | J | 0.4 | J | 0.0 | ND | 0.7 | J |
| 18 (CL3) | 0.7 | J | 0.6 | J | 1.7 | | 0.6 | J | 0.9 | J |
| 28 (CL3) | 0.0 | ND | 1.4 | | 0.9 | J | 0.0 | ND | 3.0 | |
| 44 (CL4) | 2.5 | | 4.8 | | 5.7 | | 0.4 | J | 3.9 | |
| 52 (CL4) | 1.0 | J | 1.3 | | 1.4 | | 0.4 | J | 2.9 | |
| 66 (CL4) | 1.4 | J | 1.2 | | 0.0 | ND | 0.0 | ND | 1.5 | |
| 101 (CL5) | 0.9 | J | 0.9 | J | 0.7 | J | 1.3 | J | 4.7 | |
| 105 (CL5) | 0.0 | ND | 0.3 | J | 0.0 | ND | 0.0 | ND | 1.3 | |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 0.0 | ND | 1.5 | | 1.7 | | 0.0 | ND | 6.0 | |
| 128 (CL6) | 0.5 | J | 0.6 | J | 0.5 | J | 0.0 | ND | 1.7 | |
| 138 (CL6) | 2.6 | | 3.1 | | 2.8 | | 1.1 | J | 6.7 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 2.8 | | 1.5 | | 1.7 | | 4.4 | | 5.6 | |
| 170 (CL7) | 1.4 | J | 1.2 | | 2.4 | | 2.1 | | 1.1 | J |
| 180 (CL7) | 0.2 | J | 0.5 | J | 3.6 | | 0.1 | J | 1.9 | |
| 187/182/159(CL7/7/6) | 1.2 | J | 1.1 | | 1.1 | | 0.5 | J | 3.4 | |
| 195 (CL8) | 1.0 | J | 0.5 | J | 15.5 | | 14.3 | | 0.8 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.0 | J | 0.7 | J | 1.1 | J | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MBCB | | BRCL | | GBTD | | GBOB | | GBSC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Matagorda Bay | | Brazos River | | Galveston Bay | | Galveston Bay | | Galveston Bay | |
| SITE | Carancahua Bay | | Cedar Lakes | | Todd's Dump | | Offats Bayou | | Ship Channel | |
| LABSAMNO | K8022 | | K8004 | | K8000 | | K8006 | | K8002 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/16/93 | | 12/09/93 | | 12/09/93 | | 12/09/93 | | 12/09/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/28/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.05 | | 10.31 | | 10.38 | | 10.22 | | 5.04 | |
| DRYWT | 1.30 | | 1.43 | | 2.06 | | 2.03 | | 0.90 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 13.0 | | 13.8 | | 19.9 | | 19.9 | | 17.8 | |
| % LIPIDS | 11.5 | | 4.4 | | 13.0 | | 12.1 | | 9.4 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 64.6 | | 62.0 | | 58.4 | | 58.4 | | 66.0 | |
| PCB#103 | 63.5 | | 67.7 | | 60.0 | | 59.7 | | 64.8 | |
| PCB#198 | 75.1 | | 70.6 | | 70.7 | | 67.7 | | 77.4 | |
| TOTAL BHCs | 7.2 | | 2.4 | J | 11.2 | | 7.0 | | 21.7 | |
| TOT CHLORDANES (S&T) | 5.5 | | 3.2 | | 17.0 | | 60.7 | | 80.6 | |
| TOTAL DDTs | 30.4 | | 53.6 | | 15.9 | | 43.5 | | 107.5 | |
| TOTAL PCBs (S&T) | 66.2 | | 50.5 | J | 99.6 | | 142.5 | | 549.3 | |
| ALPHA-BHC | 2.0 | | 1.4 | | 1.5 | | 0.9 | | 5.4 | |
| HCB | 0.0 | ND | 0.6 | J | 0.5 | J | 0.2 | J | 0.8 | J |
| BETA-BHC | 4.0 | | 1.0 | | 5.7 | | 4.2 | | 8.3 | |
| GAMMA-BHC | 1.1 | | 0.0 | ND | 3.5 | | 1.9 | | 5.3 | |
| DELTA-BHC | 0.0 | ND | 0.0 | ND | 0.6 | | 0.0 | ND | 2.7 | |
| HEPTACHLOR | 0.0 | ND | 0.0 | ND | 0.7 | | 1.4 | | 2.4 | |
| HEPTA-EPOXIDE | 1.3 | | 1.2 | | 5.1 | | 4.5 | | 15.3 | |
| OXYCHLORDANE | 1.1 | | 0.6 | J | 1.2 | | 2.4 | | 5.8 | |
| GAMMA-CHLORDANE | 2.0 | | 1.3 | | 4.9 | | 29.9 | | 36.9 | |
| ALPHA-CHLORDANE | 2.2 | | 0.7 | | 4.6 | | 26.5 | | 28.2 | |
| TRANS-NONACHLOR | 2.1 | | 1.3 | | 6.6 | | 28.2 | | 34.6 | |
| CIS-NONACHLOR | 1.9 | | 1.2 | | 3.7 | | 13.7 | | 19.6 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MBCB | | BRCL | | GBTD | | GBOB | | GBSC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Matagorda Bay | | Brazos River | | Galveston Bay | | Galveston Bay | | Galveston Bay | |
| SITE | Carancahua Bay | | Cedar Lakes | | Todd's Dump | | Offats Bayou | | Ship Channel | |
| LABSAMNO | K8022 | | K8004 | | K8000 | | K8006 | | K8002 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.9 | | 2.4 | | 1.7 | | 0.5 | | 0.0 | ND |
| DIELDRIN | 2.8 | | 1.5 | | 8.6 | | 10.0 | | 26.2 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.8 | J |
| MIREX | 1.4 | | 2.9 | | 0.3 | J | 0.9 | | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.5 | J | 0.0 | ND | 0.0 | ND | 5.5 | |
| 4,4'DDE (P,P'DDE) | 24.0 | | 47.6 | | 5.8 | | 20.0 | | 39.6 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 0.2 | J | 0.4 | J | 1.5 | | 4.6 | |
| 4,4'DDD (P,P'DDD) | 3.4 | | 3.7 | | 9.1 | | 12.7 | | 51.1 | |
| 2,4'DDT (O,P'DDT) | 1.1 | | 0.0 | ND | 0.0 | ND | 6.3 | | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 1.8 | | 1.5 | | 0.6 | | 3.0 | | 6.6 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 1.6 | | 0.8 | J | 0.0 | ND | 2.9 | |
| 18 (CL3) | 0.8 | J | 0.2 | J | 0.7 | J | 0.7 | J | 2.1 | J |
| 28 (CL3) | 4.1 | | 0.0 | ND | 0.2 | J | 6.0 | | 14.0 | |
| 44 (CL4) | 8.0 | | 0.7 | J | 4.1 | | 6.9 | | 18.1 | |
| 52 (CL4) | 1.1 | J | 2.4 | | 4.2 | | 6.4 | | 34.9 | |
| 66 (CL4) | 2.2 | | 1.3 | J | 2.6 | | 3.6 | | 12.8 | |
| 101 (CL5) | 2.4 | | 3.5 | | 4.8 | | 7.9 | | 36.3 | |
| 105 (CL5) | 0.0 | ND | 0.0 | ND | 3.3 | | 3.5 | | 17.8 | |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 3.8 | | 4.2 | | 5.6 | | 12.9 | | 36.6 | |
| 128 (CL6) | 1.0 | J | 1.5 | | 0.7 | J | 1.1 | | 5.3 | |
| 138 (CL6) | 3.5 | | 4.3 | | 5.5 | | 6.7 | | 31.9 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 1.9 | | 5.3 | | 9.6 | | 10.2 | | 36.2 | |
| 170 (CL7) | 2.6 | | 0.0 | ND | 1.1 | | 1.3 | | 2.3 | |
| 180 (CL7) | 0.1 | J | 0.0 | ND | 2.1 | | 5.9 | | 22.5 | |
| 187/182/159(CL7/7/6) | 0.9 | J | 1.3 | J | 4.9 | | 2.9 | | 12.7 | |
| 195 (CL8) | 0.7 | J | 0.0 | ND | 0.0 | ND | 0.6 | J | 0.0 | ND |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.1 | J | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | SLBB | | CLLC | | VBSP | | CLCL | | TBLF | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Sabine Lake | | Calcasieu Lake | | Vermillion Bay | | Caillou Lake | | Terrebonne Bay | |
| SITE | Blue Buck Point | | Lake Charles | | Southwest Pass | | Caillou Lake | | Lake Felicity | |
| LABSAMNO | K8010 | | K8014 | | K8040 | | K8034 | | K8036 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 12/10/93 | | 12/10/93 | | 01/13/94 | | 01/13/94 | | 01/13/94 | |
| QCBATCH | M1410 | | M1410 | | M1411 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/25/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/28/94 | | 08/28/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.06 | | 10.01 | | 10.02 | | 10.04 | | 10.01 | |
| DRYWT | 1.54 | | 2.06 | | 0.96 | | 1.33 | | 1.82 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 15.3 | | 20.6 | | 9.5 | | 13.2 | | 18.2 | |
| % LIPIDS | 9.7 | | 12.4 | | 15.1 | | 15.0 | | 13.2 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 65.5 | | 46.0 | | 77.8 | | 69.9 | | 67.2 | |
| PCB#103 | 67.9 | | 44.0 | | 76.1 | | 63.1 | | 63.0 | |
| PCB#198 | 83.4 | | 54.2 | | 81.8 | | 88.0 | | 84.5 | |
| TOTAL BHCs | 7.6 | | 11.5 | | 4.7 | | 2.9 | J | 4.4 | |
| TOT CHLORDANES (S&T) | 7.0 | | 13.7 | | 22.6 | | 8.6 | | 3.4 | |
| TOTAL DDTs | 13.1 | | 35.1 | | 44.2 | | 12.7 | | 10.4 | |
| TOTAL PCBs (S&T) | 81.6 | | 255.4 | | 99.2 | | 58.5 | J | 33.1 | J |
| ALPHA-BHC | 0.9 | | 1.4 | | 1.5 | | 1.5 | | 1.3 | |
| HCB | 0.0 | ND | 1.9 | | 0.2 | J | 0.2 | J | 0.2 | J |
| BETA-BHC | 6.3 | | 8.3 | | 1.6 | | 0.8 | J | 2.0 | |
| GAMMA-BHC | 0.4 | J | 1.3 | | 1.1 | | 0.6 | J | 0.3 | J |
| DELTA-BHC | 0.0 | ND | 0.5 | J | 0.5 | J | 0.0 | ND | 0.9 | |
| HEPTACHLOR | 1.1 | | 0.8 | | 0.6 | J | 0.9 | | 0.3 | J |
| HEPTA-EPOXIDE | 0.8 | | 1.9 | | 3.5 | | 2.5 | | 0.4 | J |
| OXYCHLORDANE | 0.0 | ND | 0.5 | | 0.6 | J | 1.1 | | 0.0 | ND |
| GAMMA-CHLORDANE | 2.1 | | 21.8 | | 1.9 | | 1.9 | | 0.9 | |
| ALPHA-CHLORDANE | 2.4 | | 5.1 | | 15.5 | | 3.2 | | 1.6 | |
| TRANS-NONACHLOR | 2.7 | | 5.9 | | 3.0 | | 2.0 | | 1.1 | |
| CIS-NONACHLOR | 2.4 | | 3.5 | | 3.2 | | 1.1 | | 0.5 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | SLBB | | CLLC | | VBSP | | CLCL | | TBLF | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Sabine Lake | | Calcasieu Lake | | Vermillion Bay | | Caillou Lake | | Terrebonne Bay | |
| SITE | Blue Buck Point | | Lake Charles | | Southwest Pass | | Caillou Lake | | Lake Felicity | |
| LABSAMNO | K8010 | | K8014 | | K8040 | | K8034 | | K8036 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.8 | | 0.0 | ND | 1.0 | J | 1.2 | | 0.6 | |
| DIELDRIN | 3.5 | | 8.3 | | 18.4 | | 4.9 | | 1.2 | |
| ENDRIN | 0.6 | J | 3.3 | | 2.4 | | 0.1 | J | 0.0 | ND |
| MIREX | 1.3 | | 1.7 | | 0.3 | J | 1.0 | | 0.1 | J |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 7.2 | | 27.9 | | 27.0 | | 8.6 | | 8.7 | |
| 2,4'DDD (O,P'DDD) | 0.1 | J | 1.6 | | 0.6 | J | 0.1 | J | 0.0 | ND |
| 4,4'DDD (P,P'DDD) | 4.4 | | 5.0 | | 13.3 | | 3.3 | | 1.3 | |
| 2,4'DDT (O,P'DDT) | 0.4 | J | 0.0 | ND | 0.1 | J | 0.1 | J | 0.0 | J |
| 4,4'DDT (P,P'DDT) | 1.0 | | 0.6 | | 3.3 | | 0.7 | J | 0.3 | J |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.5 | J | 1.4 | J | 0.5 | J | 0.4 | J |
| 18 (CL3) | 0.5 | J | 2.2 | | 3.5 | | 1.0 | J | 1.5 | |
| 28 (CL3) | 1.3 | J | 5.3 | | 0.3 | J | 2.6 | | 0.9 | J |
| 44 (CL4) | 1.0 | J | 4.5 | | 2.8 | | 1.4 | J | 1.2 | |
| 52 (CL4) | 1.5 | | 25.1 | | 0.7 | J | 1.9 | | 0.8 | J |
| 66 (CL4) | 3.6 | | 6.4 | | 0.7 | J | 1.6 | | 0.7 | J |
| 101 (CL5) | 2.7 | | 16.5 | | 3.6 | | 2.7 | | 1.5 | |
| 105 (CL5) | 5.3 | | 5.4 | | 1.0 | J | 0.9 | J | 0.0 | ND |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 6.8 | | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 4.6 | | 19.1 | | 1.7 | J | 3.1 | | 2.2 | |
| 128 (CL6) | 0.9 | J | 2.5 | | 2.4 | | 0.9 | J | 0.4 | J |
| 138 (CL6) | 5.3 | | 14.7 | | 9.2 | | 4.3 | | 1.6 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 6.4 | | 20.3 | | 4.1 | | 3.6 | | 1.6 | |
| 170 (CL7) | 1.5 | | 1.7 | | 1.4 | J | 1.2 | J | 1.2 | |
| 180 (CL7) | 1.4 | | 4.7 | | 1.1 | J | 0.7 | J | 1.0 | J |
| 187/182/159(CL7/7/6) | 4.3 | | 5.2 | | 4.0 | | 1.7 | | 0.7 | J |
| 195 (CL8) | 0.0 | ND | 0.8 | J | 0.2 | J | 0.3 | J | 0.6 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.7 | J | 0.0 | ND | 0.8 | J | 0.6 | J | 0.0 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MRPL | | BSSI | | LBMP | | LBNO | | MSPC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mississippi River | | Breton Sound | | Lake Borgne | | Lake Borgne | | Mississippi Sound | |
| SITE | Pass a Loutre | | Sable Island | | Point | | New Orleans | | Pass Christian | |
| LABSAMNO | K8042 | | K8038 | | K8044 | | K8046 | | K8052 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/15/93 | | 01/15/93 | | 01/15/93 | | 01/15/93 | | 01/16/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.05 | | 10.03 | | 10.03 | | 10.02 | | 10.01 | |
| DRYWT | 0.46 | | 0.75 | | 0.87 | | 0.92 | | 1.29 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 4.5 | | 7.4 | | 8.6 | | 9.2 | | 12.9 | |
| % LIPIDS | 11.5 | | 17.4 | | 15.6 | | 17.1 | | 12.6 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 74.5 | | 76.9 | | 78.3 | | 70.5 | | 74.5 | |
| PCB#103 | 71.5 | | 75.9 | | 79.1 | | 69.1 | | 73.3 | |
| PCB#198 | 79.2 | | 82.5 | | 82.2 | | 72.8 | | 77.8 | |
| TOTAL BHCs | 4.2 | J | 4.7 | J | 2.5 | J | 4.8 | | 2.8 | J |
| TOT CHLORDANES (S&T) | 58.5 | | 56.9 | | 15.1 | | 24.0 | | 18.9 | |
| TOTAL DDTs | 125.7 | | 92.6 | | 10.2 | | 12.3 | | 34.2 | |
| TOTAL PCBs (S&T) | 620.6 | | 366.5 | | 53.0 | J | 68.9 | J | 74.8 | |
| ALPHA-BHC | 1.3 | J | 1.6 | | 0.8 | J | 1.3 | | 0.9 | |
| HCB | 0.4 | J | 0.0 | ND | 0.0 | J | 0.1 | J | 0.0 | J |
| BETA-BHC | 0.5 | J | 1.6 | | 1.2 | | 2.5 | | 0.7 | J |
| GAMMA-BHC | 0.9 | J | 1.1 | J | 0.4 | J | 1.0 | J | 1.1 | |
| DELTA-BHC | 1.4 | J | 0.4 | J | 0.1 | J | 0.1 | J | 0.1 | J |
| HEPTACHLOR | 0.5 | J | 0.6 | J | 0.6 | J | 1.0 | J | 0.9 | |
| HEPTA-EPOXIDE | 4.5 | | 6.0 | | 1.2 | | 1.6 | | 1.8 | |
| OXYCHLORDANE | 2.5 | | 2.1 | | 0.7 | J | 1.1 | | 1.1 | |
| GAMMA-CHLORDANE | 17.2 | | 15.2 | | 0.8 | J | 1.7 | | 5.5 | |
| ALPHA-CHLORDANE | 32.0 | | 31.7 | | 11.2 | | 18.8 | | 9.5 | |
| TRANS-NONACHLOR | 21.5 | | 18.7 | | 2.1 | | 2.6 | | 6.7 | |
| CIS-NONACHLOR | 10.6 | | 10.0 | | 1.5 | | 3.0 | | 3.6 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MRPL | | BSSI | | LBMP | | LBNO | | MSPC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mississippi River | | Breton Sound | | Lake Borgne | | Lake Borgne | | Mississippi Sound | |
| SITE | Pass a Loutre | | Sable Island | | Point | | New Orleans | | Pass Christian | |
| LABSAMNO | K8042 | | K8038 | | K8044 | | K8046 | | K8052 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 2.1 | J | 2.6 | | 0.6 | J | 0.5 | J | 0.2 | J |
| DIELDRIN | 26.2 | | 34.4 | | 3.0 | | 4.2 | | 4.9 | |
| ENDRIN | 2.9 | | 3.3 | | 1.4 | | 0.6 | J | 1.0 | |
| MIREX | 0.6 | J | 0.0 | ND | 0.0 | ND | 0.1 | J | 2.2 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 1.3 | | 0.5 | J | 1.0 | |
| 4,4'DDE (P,P'DDE) | 65.2 | | 50.9 | | 5.9 | | 7.2 | | 22.7 | |
| 2,4'DDD (O,P'DDD) | 4.5 | | 3.7 | | 0.0 | J | 0.0 | J | 0.7 | J |
| 4,4'DDD (P,P'DDD) | 38.4 | | 27.2 | | 1.8 | | 2.6 | | 7.1 | |
| 2,4'DDT (O,P'DDT) | 3.8 | | 1.3 | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 13.8 | | 9.4 | | 1.1 | J | 2.1 | | 2.7 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 2.8 | J | 0.9 | J | 1.9 | J | 3.3 | | 0.3 | J |
| 18 (CL3) | 7.3 | | 0.0 | ND | 2.4 | | 5.2 | | 1.5 | J |
| 28 (CL3) | 3.2 | J | 1.5 | J | 0.1 | J | 1.0 | J | 0.4 | J |
| 44 (CL4) | 10.1 | | 7.5 | | 1.9 | J | 2.3 | | 2.8 | |
| 52 (CL4) | 14.9 | | 10.8 | | 0.9 | J | 1.0 | J | 1.3 | J |
| 66 (CL4) | 4.8 | | 2.9 | | 0.0 | ND | 0.3 | J | 0.8 | J |
| 101 (CL5) | 27.7 | | 16.1 | | 6.0 | | 4.5 | | 6.5 | |
| 105 (CL5) | 3.4 | J | 4.8 | | 0.3 | J | 0.6 | J | 0.5 | J |
| 110/77 (CL5/4) | 53.4 | | 36.1 | | 2.6 | | 5.1 | | 6.2 | |
| 118/108/149(CL5/5/6) | 13.5 | | 9.9 | | 0.6 | J | 0.9 | J | 2.9 | |
| 128 (CL6) | 9.3 | | 5.3 | | 0.9 | J | 0.7 | J | 1.2 | J |
| 138 (CL6) | 44.4 | | 30.7 | | 2.0 | J | 3.3 | | 4.4 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 56.8 | | 24.4 | | 0.1 | J | 0.0 | J | 1.4 | J |
| 170 (CL7) | 4.3 | J | 2.5 | J | 1.5 | J | 1.2 | J | 1.0 | J |
| 180 (CL7) | 11.0 | | 7.3 | | 0.5 | J | 0.6 | J | 2.5 | |
| 187/182/159(CL7/7/6) | 26.6 | | 14.9 | | 0.4 | J | 1.0 | J | 1.5 | J |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 0.9 | J | 0.0 | ND | 0.3 | J |
| 206 (CL9) | 1.3 | J | 0.6 | J | 0.0 | ND | 0.0 | ND | 0.2 | J |
| 209 (CL10) | 1.1 | J | 0.0 | ND | 0.7 | J | 0.3 | J | 0.3 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MSPB | | MBCP | | MBHI | | PBPH | | PBIB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mississippi Sound | | Mobile Bay | | Mobile Bay | | Pensacola Bay | | Pensacola Bay | |
| SITE | Pascagoula Bay | | Reef | | Hollingers Is. | | Public Harbor | | Indian Bayou | |
| LABSAMNO | K8054 | | K8048 | | K8050 | | K8058 | | K8056 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/16/94 | | 01/16/94 | | 01/16/94 | | 01/17/94 | | 01/17/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | | 08/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.02 | | 10.02 | | 10.03 | | 10.05 | | 10.01 | |
| DRYWT | 0.83 | | 1.64 | | 1.26 | | 1.41 | | 0.67 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 8.2 | | 16.4 | | 12.6 | | 14.1 | | 6.7 | |
| % LIPIDS | 11.7 | | 20.3 | | 14.8 | | 19.3 | | 12.9 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 70.8 | | 74.5 | | 71.5 | | 62.8 | | 77.4 | |
| PCB#103 | 69.9 | | 68.8 | | 69.6 | | 64.1 | | 77.6 | |
| PCB#198 | 75.9 | | 78.4 | | 76.3 | | 64.1 | | 80.6 | |
| TOTAL BHCs | 2.8 | J | 10.5 | | 5.1 | | 5.2 | | 3.4 | J |
| TOT CHLORDANES (S&T) | 12.1 | | 20.0 | | 28.1 | | 18.8 | | 21.9 | |
| TOTAL DDTs | 28.4 | | 136.8 | | 255.7 | | 27.3 | | 21.4 | |
| TOTAL PCBs (S&T) | 328.8 | | 152.2 | | 342.4 | | 308.5 | | 535.3 | |
| ALPHA-BHC | 0.7 | J | 6.2 | | 1.0 | | 1.0 | | 0.6 | J |
| HCB | 0.0 | J | 0.0 | J | 0.2 | J | 0.1 | J | 0.2 | J |
| BETA-BHC | 0.5 | J | 1.8 | | 1.4 | | 1.3 | | 1.0 | J |
| GAMMA-BHC | 1.0 | J | 2.1 | | 2.1 | | 1.8 | | 0.7 | J |
| DELTA-BHC | 0.6 | J | 0.3 | J | 0.6 | J | 1.2 | | 1.0 | J |
| HEPTACHLOR | 0.4 | J | 1.5 | | 0.2 | J | 0.7 | J | 0.0 | ND |
| HEPTA-EPOXIDE | 1.0 | J | 1.6 | | 2.7 | | 2.5 | | 1.2 | J |
| OXYCHLORDANE | 1.0 | J | 1.0 | | 1.5 | | 0.9 | | 1.0 | J |
| GAMMA-CHLORDANE | 2.4 | | 1.8 | | 8.7 | | 3.8 | | 1.5 | J |
| ALPHA-CHLORDANE | 7.1 | | 13.9 | | 16.1 | | 11.0 | | 15.8 | |
| TRANS-NONACHLOR | 3.6 | | 3.0 | | 9.0 | | 4.7 | | 4.8 | |
| CIS-NONACHLOR | 23.2 | | 2.5 | | 7.9 | | 4.4 | | 3.9 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | MSPB | | MBCP | | MBHI | | PBPH | | PBIB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Mississippi Sound | | Mobile Bay | | Mobile Bay | | Pensacola Bay | | Pensacola Bay | |
| SITE | Pascagoula Bay | | Reef | | Hollingers Is. | | Public Harbor | | Indian Bayou | |
| LABSAMNO | K8054 | | K8048 | | K8050 | | K8058 | | K8056 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.2 | J | 0.8 | | 1.0 | | 0.2 | J | 0.8 | J |
| DIELDRIN | 3.8 | | 6.6 | | 9.7 | | 8.4 | | 4.1 | |
| ENDRIN | 1.4 | | 2.3 | | 2.3 | | 1.3 | | 1.2 | J |
| MIREX | 1.0 | J | 0.4 | J | 0.3 | J | 0.8 | | 1.0 | J |
| 2,4'DDE (O,P'DDE) | 0.8 | J | 35.7 | | 70.5 | | 0.0 | ND | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 21.9 | | 75.8 | | 127.5 | | 17.5 | | 16.0 | |
| 2,4'DDD (O,P'DDD) | 0.2 | J | 3.4 | | 7.3 | | 0.5 | J | 0.6 | J |
| 4,4'DDD (P,P'DDD) | 3.1 | | 18.0 | | 36.8 | | 5.0 | | 3.1 | |
| 2,4'DDT (O,P'DDT) | 0.1 | J | 0.4 | J | 8.5 | | 0.8 | | 0.2 | J |
| 4,4'DDT (P,P'DDT) | 2.3 | | 3.5 | | 5.1 | | 3.6 | | 1.6 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.7 | J | 0.8 | J | 1.3 | J | 3.1 | | 0.5 | J |
| 18 (CL3) | 2.8 | | 3.3 | | 4.3 | | 2.4 | | 2.5 | J |
| 28 (CL3) | 0.4 | J | 0.1 | J | 1.0 | J | 2.8 | | 2.4 | J |
| 44 (CL4) | 1.9 | J | 2.4 | | 4.4 | | 4.1 | | 4.0 | |
| 52 (CL4) | 3.6 | | 3.4 | | 5.2 | | 7.5 | | 18.9 | |
| 66 (CL4) | 1.2 | J | 0.9 | J | 1.1 | J | 2.5 | | 3.8 | |
| 101 (CL5) | 7.4 | | 8.2 | | 8.8 | | 21.5 | | 42.7 | |
| 105 (CL5) | 86.9 | | 14.3 | | 60.6 | | 3.2 | | 6.4 | |
| 110/77 (CL5/4) | 9.4 | | 6.3 | | 15.5 | | 27.3 | | 45.9 | |
| 118/108/149(CL5/5/6) | 4.1 | | 3.4 | | 6.4 | | 13.6 | | 25.5 | |
| 128 (CL6) | 1.9 | J | 2.0 | | 2.8 | | 3.8 | | 7.8 | |
| 138 (CL6) | 10.4 | | 10.3 | | 20.1 | | 23.0 | | 41.6 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 7.7 | | 5.3 | | 15.7 | | 30.1 | | 56.6 | |
| 170 (CL7) | 1.8 | J | 0.9 | J | 1.2 | J | 1.0 | J | 2.0 | J |
| 180 (CL7) | 6.4 | | 2.0 | | 9.7 | | 3.3 | | 1.3 | J |
| 187/182/159(CL7/7/6) | 6.3 | | 5.7 | | 2.4 | | 3.8 | | 6.6 | |
| 195 (CL8) | 0.2 | J | 2.9 | | 0.0 | ND | 0.0 | ND | 0.1 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 1.0 | J | 0.4 | J | 0.5 | J |
| 209 (CL10) | 0.1 | J | 0.0 | ND | 0.2 | J | 0.0 | ND | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | CBJB | | CBBL | | CBPP | | CBBB | | PCLO | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Panama City | |
| SITE | Joe's Bayou | | Ben's Lake | | Postil Point | | Boggy Bayou | | Little Oyster Bar | |
| LABSAMNO | K8066 | | K8064 | | K8060 | | K8062 | | K8068 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/19/94 | | 01/19/94 | | 01/17/94 | | 01/17/94 | | 01/19/94 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/28/94 | | 08/28/94 | | 08/28/94 | | 08/28/94 | | 08/28/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.04 | | 10.03 | | 10.03 | | 10.02 | | 10.42 | |
| DRYWT | 0.84 | | 0.94 | | 1.14 | | 1.11 | | 0.71 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 8.4 | | 9.4 | | 11.4 | | 11.1 | | 6.8 | |
| % LIPIDS | 9.4 | | 5.9 | | 12.2 | | 14.7 | | 32.2 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 74.2 | | 70.2 | | 69.7 | | 71.3 | | 77.6 | |
| PCB#103 | 74.2 | | 69.5 | | 67.8 | | 70.0 | | 80.4 | |
| PCB#198 | 78.3 | | 69.9 | | 75.4 | | 75.5 | | 81.0 | |
| TOTAL BHCs | 2.0 | J | 2.0 | J | 3.8 | | 3.1 | J | 6.5 | |
| TOT CHLORDANES (S&T) | 12.7 | | 20.8 | | 27.3 | | 35.0 | | 19.7 | |
| TOTAL DDTs | 67.2 | | 236.2 | | 332.3 | | 301.7 | | 3381.6 | |
| TOTAL PCBs (S&T) | 117.8 | | 41.9 | J | 168.4 | | 165.6 | | 211.1 | |
| ALPHA-BHC | 0.3 | J | 0.3 | J | 0.7 | J | 0.5 | J | 2.2 | |
| HCB | 0.1 | J | 0.1 | J | 0.1 | J | 0.1 | J | 0.0 | ND |
| BETA-BHC | 0.4 | J | 0.9 | J | 1.5 | | 1.0 | | 0.9 | J |
| GAMMA-BHC | 0.5 | J | 0.4 | J | 0.5 | J | 0.6 | J | 3.4 | |
| DELTA-BHC | 0.8 | J | 0.3 | J | 1.1 | | 1.0 | | 0.0 | ND |
| HEPTACHLOR | 0.3 | J | 0.0 | J | 0.1 | J | 0.8 | J | 0.9 | J |
| HEPTA-EPOXIDE | 1.9 | | 10.8 | | 1.7 | | 6.0 | | 1.5 | |
| OXYCHLORDANE | 0.8 | J | 0.9 | J | 1.2 | | 1.5 | | 1.2 | J |
| GAMMA-CHLORDANE | 2.8 | | 7.1 | | 8.3 | | 13.0 | | 4.2 | |
| ALPHA-CHLORDANE | 5.8 | | 6.3 | | 15.5 | | 15.6 | | 11.3 | |
| TRANS-NONACHLOR | 4.7 | | 3.6 | | 10.0 | | 12.5 | | 5.9 | |
| CIS-NONACHLOR | 2.3 | | 1.1 | | 5.2 | | 6.0 | | 2.5 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | CBJB | | CBBL | | CBPP | | CBBB | | PCLO | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Choctawhatchee Bay | | Panama City | |
| SITE | Joe's Bayou | | Ben's Lake | | Postil Point | | Boggy Bayou | | Little Oyster Bar | |
| LABSAMNO | K8066 | | K8064 | | K8060 | | K8062 | | K8068 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.3 | J | 0.2 | J | 0.8 | J | 2.4 | | 1.7 | |
| DIELDRIN | 5.6 | | 16.4 | | 7.7 | | 16.1 | | 3.2 | |
| ENDRIN | 1.7 | | 0.5 | J | 1.1 | | 1.7 | | 21.9 | |
| MIREX | 0.7 | J | 0.1 | J | 0.6 | J | 0.3 | J | 0.1 | J |
| 2,4'DDE (O,P'DDE) | 1.2 | J | 1.8 | | 1.6 | | 1.1 | | 14.8 | |
| 4,4'DDE (P,P'DDE) | 24.0 | | 120.0 | | 175.6 | | 158.6 | | 2063.7 | |
| 2,4'DDD (O,P'DDD) | 4.9 | | 7.5 | | 9.0 | | 8.9 | | 66.4 | |
| 4,4'DDD (P,P'DDD) | 34.1 | | 101.6 | | 135.3 | | 121.8 | | 1060.1 | |
| 2,4'DDT (O,P'DDT) | 0.4 | J | 1.6 | | 1.1 | | 1.7 | | 18.2 | |
| 4,4'DDT (P,P'DDT) | 2.5 | | 3.6 | | 9.6 | | 9.6 | | 158.5 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.4 | J | 0.5 | J | 1.6 | J | 1.0 | J | 0.0 | ND |
| 18 (CL3) | 1.1 | J | 0.4 | J | 4.1 | | 2.6 | | 2.5 | J |
| 28 (CL3) | 2.5 | | 0.7 | J | 1.8 | | 4.1 | | 0.5 | J |
| 44 (CL4) | 2.9 | | 1.6 | J | 4.3 | | 3.8 | | 3.1 | |
| 52 (CL4) | 3.6 | | 0.7 | J | 3.6 | | 6.0 | | 1.6 | J |
| 66 (CL4) | 3.3 | | 0.3 | J | 1.0 | J | 1.6 | J | 0.6 | J |
| 101 (CL5) | 6.1 | | 1.6 | J | 6.1 | | 7.2 | | 4.9 | |
| 105 (CL5) | 1.6 | J | 0.7 | J | 1.0 | J | 1.6 | J | 0.0 | ND |
| 110/77 (CL5/4) | 15.6 | | 3.1 | | 9.6 | | 16.3 | | 4.3 | |
| 118/108/149(CL5/5/6) | 6.2 | | 1.5 | J | 3.0 | | 6.6 | | 3.3 | |
| 128 (CL6) | 0.6 | J | 0.1 | J | 0.9 | J | 1.3 | J | 2.5 | J |
| 138 (CL6) | 4.4 | | 2.7 | | 12.8 | | 10.6 | | 8.0 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 5.0 | | 2.7 | | 15.5 | | 9.3 | | 1.9 | J |
| 170 (CL7) | 1.8 | J | 1.1 | J | 2.4 | | 1.8 | | 1.9 | J |
| 180 (CL7) | 3.3 | | 1.0 | J | 2.9 | | 1.9 | | 10.3 | |
| 187/182/159(CL7/7/6) | 0.8 | J | 0.8 | J | 7.7 | | 5.0 | | 2.7 | J |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 0.4 | J | 0.2 | J | 49.0 | |
| 206 (CL9) | 0.0 | ND | 0.1 | J | 0.0 | ND | 0.3 | J | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.2 | J | 0.2 | J | 1.4 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | AESP | | CKBP | | TBOT | | TBPB | | TBHB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Apalachee Bay | | Cedar Key | | Tampa Bay | | Tampa Bay | | Tampa Bay | |
| SITE | Spring Creek | | Black Point | | Old Tampa Bay | | Papys Bayou | | Hillsborough | |
| LABSAMNO | K8070 | | K8072 | | K8080 | | K8078 | | K8084 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/20/94 | | 01/20/94 | | 01/21/94 | | 01/21/94 | | 01/23/94 | |
| QCBATCH | M1411 | | M1411 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/28/94 | | 08/28/94 | | 08/31/94 | | 08/30/94 | | 08/31/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.00 | | 10.00 | | 10.27 | | 10.36 | | 10.34 | |
| DRYWT | 0.71 | | 0.79 | | 0.80 | | 1.37 | | 1.66 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 7.0 | | 7.9 | | 7.8 | | 13.2 | | 16.1 | |
| % LIPIDS | 12.2 | | 9.0 | | 3.8 | | 7.8 | | 8.2 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 70.6 | | 71.0 | | 68.3 | | 67.5 | | 62.3 | |
| PCB#103 | 68.8 | | 69.6 | | 64.7 | | 64.2 | | 57.2 | |
| PCB#198 | 70.9 | | 73.9 | | 74.4 | | 72.7 | | 66.2 | |
| TOTAL BHCs | 11.9 | | 1.9 | J | 4.8 | J | 3.8 | | 4.5 | |
| TOT CHLORDANES (S&T) | 90.1 | | 8.0 | | 9.5 | | 23.7 | | 125.0 | |
| TOTAL DDTs | 8.4 | J | 26.2 | | 19.3 | | 20.7 | | 64.5 | |
| TOTAL PCBs (S&T) | 168.9 | | 42.6 | J | 82.1 | J | 106.5 | | 203.8 | |
| ALPHA-BHC | 0.9 | J | 0.6 | J | 2.1 | | 1.2 | | 1.1 | |
| HCB | 0.3 | J | 0.1 | J | 0.0 | J | 0.0 | J | 0.0 | J |
| BETA-BHC | 3.3 | | 0.7 | J | 0.6 | J | 1.3 | | 0.7 | |
| GAMMA-BHC | 1.2 | J | 0.4 | J | 1.3 | | 1.2 | | 2.6 | |
| DELTA-BHC | 6.4 | | 0.2 | J | 0.8 | J | 0.2 | J | 0.1 | J |
| HEPTACHLOR | 2.2 | | 0.0 | J | 0.1 | J | 0.1 | J | 2.4 | |
| HEPTA-EPOXIDE | 1.4 | | 0.5 | J | 1.1 | J | 1.8 | | 4.3 | |
| OXYCHLORDANE | 0.5 | J | 0.5 | J | 0.5 | J | 1.6 | | 3.1 | |
| GAMMA-CHLORDANE | 0.1 | J | 1.1 | J | 3.6 | | 7.7 | | 115.3 | |
| ALPHA-CHLORDANE | 76.0 | | 5.6 | | 2.9 | | 7.4 | | 78.7 | |
| TRANS-NONACHLOR | 10.4 | | 1.9 | | 5.4 | | 14.4 | | 39.6 | |
| CIS-NONACHLOR | 3.2 | | 0.8 | J | 3.6 | | 9.9 | | 17.4 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | AESP | | CKBP | | TBOT | | TBPB | | TBHB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Apalachee Bay | | Cedar Key | | Tampa Bay | | Tampa Bay | | Tampa Bay | |
| SITE | Spring Creek | | Black Point | | Old Tampa Bay | | Papys Bayou | | Hillsborough | |
| LABSAMNO | K8070 | | K8072 | | K8080 | | K8078 | | K8084 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 3.7 | | 0.3 | J | 0.1 | J | 0.0 | ND | 1.7 | |
| DIELDRIN | 0.7 | J | 0.6 | J | 1.1 | J | 3.9 | | 9.9 | |
| ENDRIN | 27.7 | | 2.6 | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| MIREX | 0.4 | J | 0.0 | ND | 0.3 | J | 3.5 | | 2.6 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 1.3 | | 1.7 | | 0.7 | J | 4.0 | |
| 4,4'DDE (P,P'DDE) | 0.0 | ND | 18.5 | | 13.4 | | 15.9 | | 37.0 | |
| 2,4'DDD (O,P'DDD) | 0.2 | J | 0.8 | J | 0.2 | J | 0.1 | J | 2.0 | |
| 4,4'DDD (P,P'DDD) | 2.2 | | 4.6 | | 3.5 | | 3.7 | | 13.1 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 2.8 | |
| 4,4'DDT (P,P'DDT) | 6.0 | | 0.8 | J | 0.6 | J | 0.3 | J | 5.6 | |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.7 | J | 1.8 | J | 0.0 | ND | 0.0 | ND |
| 18 (CL3) | 4.3 | | 1.6 | J | 1.1 | J | 1.6 | | 2.4 | |
| 28 (CL3) | 0.0 | ND | 0.0 | ND | 1.2 | J | 0.4 | J | 2.2 | |
| 44 (CL4) | 12.0 | | 1.1 | J | 2.1 | J | 1.7 | | 5.0 | |
| 52 (CL4) | 1.9 | J | 0.4 | J | 1.5 | J | 1.5 | | 5.3 | |
| 66 (CL4) | 5.0 | | 0.0 | ND | 2.0 | J | 0.9 | J | 3.1 | |
| 101 (CL5) | 10.2 | | 1.2 | J | 7.2 | | 6.0 | | 7.7 | |
| 105 (CL5) | 1.1 | J | 0.1 | J | 0.7 | J | 0.7 | J | 2.7 | |
| 110/77 (CL5/4) | 10.5 | | 1.0 | J | 7.0 | | 7.3 | | 27.6 | |
| 118/108/149(CL5/5/6) | 3.7 | | 0.5 | J | 1.8 | J | 4.3 | | 12.9 | |
| 128 (CL6) | 0.0 | J | 0.2 | J | 0.2 | J | 0.3 | J | 0.2 | J |
| 138 (CL6) | 3.4 | | 1.5 | J | 2.8 | | 4.1 | | 7.9 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 18.7 | | 0.3 | J | 1.5 | J | 4.4 | | 16.0 | |
| 170 (CL7) | 2.5 | J | 1.6 | J | 2.5 | J | 2.3 | | 2.8 | |
| 180 (CL7) | 2.7 | J | 1.8 | J | 3.0 | | 2.2 | | 2.6 | |
| 187/182/159(CL7/7/6) | 2.2 | J | 0.3 | J | 1.2 | J | 3.3 | | 5.6 | |
| 195 (CL8) | 1.3 | J | 5.8 | | 0.7 | J | 9.9 | | 1.0 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.3 | J | 0.7 | J | 0.0 | ND | 1.1 | J | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | TBMK | | TBKA | | TBNP | | CBBI | | RBHC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tampa Bay | | Tampa Bay | | Tampa Bay | | Charlotte Harbor | | Rookery Bay | |
| SITE | Mullet Key Bayou | | Knights Airport | | Navarez Park | | Bird Island | | Henderson Creek | |
| LABSAMNO | K8088 | | K8074 | | K8082 | | K8086 | | K8090 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/23/94 | | 01/21/94 | | 01/21/94 | | 01/23/94 | | 01/23/94 | |
| QCBATCH | M1412 | | M1411 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 07/25/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/31/94 | | 08/28/94 | | 08/31/94 | | 09/26/94 | | 09/26/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.25 | | 10.00 | | 10.20 | | 10.31 | | 10.15 | |
| DRYWT | 1.75 | | 1.25 | | 1.64 | | 1.33 | | 1.21 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 17.1 | | 12.5 | | 16.1 | | 12.9 | | 11.9 | |
| % LIPIDS | 9.0 | | 14.9 | | 6.9 | | 5.9 | | 4.3 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 70.0 | | 73.1 | | 65.4 | | 68.5 | | 73.1 | |
| PCB#103 | 88.1 | | 75.1 | | 76.7 | | 71.5 | | 75.2 | |
| PCB#198 | 81.2 | | 81.9 | | 83.9 | | 67.8 | | 74.9 | |
| TOTAL BHCs | 2.8 | | 5.2 | | 2.5 | | 0.5 | J | 0.2 | J |
| TOT CHLORDANES (S&T) | 6.8 | | 80.8 | | 25.0 | | 14.4 | | 9.3 | |
| TOTAL DDTs | 7.9 | | 198.8 | | 25.8 | | 12.2 | | 11.7 | |
| TOTAL PCBs (S&T) | 54.8 | | 712.8 | | 140.2 | | 34.3 | J | 13.6 | J |
| ALPHA-BHC | 0.9 | | 0.4 | J | 2.0 | | 0.0 | ND | 0.0 | ND |
| HCB | 0.0 | ND | 0.3 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| BETA-BHC | 1.3 | | 0.7 | J | 0.0 | ND | 0.3 | J | 0.2 | J |
| GAMMA-BHC | 0.5 | J | 3.4 | | 0.5 | J | 0.2 | J | 0.0 | ND |
| DELTA-BHC | 0.0 | ND | 0.7 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 0.0 | ND | 0.5 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTA-EPOXIDE | 0.7 | | 1.8 | | 1.1 | | 0.3 | J | 0.0 | ND |
| OXYCHLORDANE | 0.8 | | 4.8 | | 1.2 | | 0.4 | J | 0.2 | J |
| GAMMA-CHLORDANE | 2.2 | | 30.2 | | 10.8 | | 1.4 | | 0.3 | J |
| ALPHA-CHLORDANE | 2.6 | | 36.7 | | 9.3 | | 10.8 | | 8.4 | |
| TRANS-NONACHLOR | 3.5 | | 41.7 | | 14.6 | | 3.3 | | 0.9 | |
| CIS-NONACHLOR | 1.7 | | 19.8 | | 8.3 | | 2.0 | | 0.8 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | TBMK | | TBKA | | TBNP | | CBBI | | RBHC | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Tampa Bay | | Tampa Bay | | Tampa Bay | | Charlotte Harbor | | Rookery Bay | |
| SITE | Mullet Key Bayou | | Knights Airport | | Navarez Park | | Bird Island | | Henderson Creek | |
| LABSAMNO | K8088 | | K8074 | | K8082 | | K8086 | | K8090 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.0 | ND | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| DIELDRIN | 1.3 | | 11.9 | | 3.9 | | 1.9 | | 0.5 | J |
| ENDRIN | 0.0 | ND | 0.7 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| MIREX | 0.4 | J | 1.3 | | 2.4 | | 0.0 | ND | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 3.7 | | 5.6 | | 1.0 | | 0.5 | J | 8.7 | M |
| 4,4'DDE (P,P'DDE) | 4.0 | | 160.7 | | 13.1 | | 11.0 | | 2.3 | |
| 2,4'DDD (O,P'DDD) | 0.3 | J | 3.0 | | 0.7 | | 0.1 | J | 0.0 | ND |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 21.9 | | 3.5 | | 0.0 | ND | 0.3 | J |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 3.2 | | 7.5 | | 0.0 | ND | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 0.0 | ND | 4.4 | | 0.0 | ND | 0.6 | J | 0.3 | J |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.8 | J | 1.9 | | 0.0 | ND | 5.7 | | 2.7 | |
| 18 (CL3) | 0.6 | J | 7.3 | | 1.1 | J | 0.0 | ND | 0.0 | ND |
| 28 (CL3) | 0.0 | ND | 12.9 | | 0.5 | J | 0.3 | J | 0.1 | J |
| 44 (CL4) | 0.7 | J | 16.9 | | 1.3 | | 0.8 | J | 0.3 | J |
| 52 (CL4) | 0.0 | ND | 27.3 | | 1.8 | | 0.2 | J | 0.0 | J |
| 66 (CL4) | 0.7 | J | 16.8 | | 2.5 | | 0.0 | ND | 0.0 | ND |
| 101 (CL5) | 8.9 | | 41.9 | | 8.9 | | 0.6 | J | 0.1 | J |
| 105 (CL5) | 0.0 | ND | 8.4 | | 0.0 | ND | 0.1 | J | 0.0 | J |
| 110/77 (CL5/4) | 3.3 | | 45.6 | | 8.3 | | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 1.5 | | 40.2 | | 5.4 | | 1.3 | J | 0.0 | ND |
| 128 (CL6) | 0.0 | ND | 2.6 | | 0.1 | J | 0.1 | J | 0.0 | ND |
| 138 (CL6) | 1.1 | J | 34.2 | | 24.1 | | 1.6 | | 0.6 | J |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 0.0 | ND | 56.0 | | 7.0 | | 1.2 | J | 0.2 | J |
| 170 (CL7) | 0.4 | J | 1.4 | J | 0.5 | J | 2.1 | | 0.9 | J |
| 180 (CL7) | 0.0 | ND | 15.6 | | 1.1 | J | 1.2 | J | 0.1 | J |
| 187/182/159(CL7/7/6) | 0.6 | J | 21.8 | | 5.5 | | 0.6 | J | 0.0 | ND |
| 195 (CL8) | 6.6 | | 12.4 | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 206 (CL9) | 0.0 | ND | 1.2 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.4 | J | 0.2 | J | 0.3 | J | 0.0 | ND | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | |
| LABSAMNO | K8092 | | K8093 | | K8094 | | K8107 | | K8108 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/31/94 | | 08/30/94 | | 09/01/94 | | 09/26/94 | | 09/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.19 | | 10.03 | | 10.35 | | 5.50 | | 10.41 | |
| DRYWT | 1.60 | | 1.04 | | 1.18 | | 0.60 | | 1.00 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 15.7 | | 10.4 | | 11.4 | | 11.0 | | 9.6 | |
| % LIPIDS | 9.3 | | 6.3 | | 7.4 | | 4.5 | | 4.5 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 71.3 | | 71.9 | | 55.8 | | 61.2 | | 66.8 | |
| PCB#103 | 86.6 | | 74.4 | | 74.5 | | 62.8 | | 69.7 | |
| PCB#198 | 93.5 | | 78.1 | | 69.8 | | 60.5 | | 68.8 | |
| TOTAL BHCs | 2.2 | J | 4.3 | | 4.1 | | 0.3 | J | 0.4 | J |
| TOT CHLORDANES (S&T) | 4.8 | | 3.5 | J | 1.4 | J | 2.4 | J | 3.9 | J |
| TOTAL DDTs | 41.4 | | 30.1 | | 27.7 | | 72.8 | | 51.2 | |
| TOTAL PCBs (S&T) | 159.8 | | 43.4 | J | 106.0 | | 28.2 | J | 15.1 | J |
| ALPHA-BHC | 1.9 | | 2.2 | | 3.7 | | 0.0 | ND | 0.2 | J |
| HCB | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | J |
| BETA-BHC | 0.1 | J | 0.5 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| GAMMA-BHC | 0.3 | J | 1.3 | | 0.0 | ND | 0.3 | J | 0.2 | J |
| DELTA-BHC | 0.0 | ND | 0.4 | J | 0.4 | J | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 0.0 | ND | 0.5 | J | 0.0 | ND | 0.0 | ND | 0.2 | J |
| HEPTA-EPOXIDE | 0.1 | J | 0.5 | J | 0.0 | ND | 0.0 | J | 0.1 | J |
| OXYCHLORDANE | 0.3 | J | 0.2 | J | 0.0 | ND | 0.3 | J | 0.1 | J |
| GAMMA-CHLORDANE | 3.7 | | 0.3 | J | 0.0 | ND | 0.1 | J | 0.1 | J |
| ALPHA-CHLORDANE | 3.1 | | 2.2 | | 1.4 | | 1.8 | | 3.0 | |
| TRANS-NONACHLOR | 1.6 | | 0.3 | J | 0.0 | ND | 0.5 | J | 0.6 | J |
| CIS-NONACHLOR | 0.6 | J | 0.3 | J | 0.0 | ND | 0.1 | J | 0.3 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | |
| LABSAMNO | K8092 | | K8093 | | K8094 | | K8107 | | K8108 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.2 | J |
| DIELDRIN | 0.8 | | 1.0 | | 0.0 | ND | 0.8 | J | 0.7 | J |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| MIREX | 0.2 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 19.9 | M | 22.1 | M | 10.6 | M | 66.4 | M | 45.7 | M |
| 4,4'DDE (P,P'DDE) | 14.2 | | 6.1 | | 8.2 | | 6.3 | | 4.8 | |
| 2,4'DDD (O,P'DDD) | 1.8 | | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 4,4'DDD (P,P'DDD) | 5.0 | | 1.5 | | 0.0 | ND | 0.1 | J | 0.0 | ND |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.0 | ND | 9.0 | | 0.0 | ND | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 0.6 | J | 0.4 | J | 0.0 | ND | 0.0 | ND | 0.7 | J |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 1.1 | J | 0.0 | ND | 4.8 | | 2.3 | |
| 18 (CL3) | 0.9 | J | 0.0 | ND | 0.9 | J | 0.0 | ND | 0.0 | ND |
| 28 (CL3) | 3.1 | | 0.7 | J | 0.0 | ND | 2.9 | J | 0.2 | J |
| 44 (CL4) | 2.6 | | 0.7 | J | 0.0 | ND | 1.1 | J | 0.9 | J |
| 52 (CL4) | 4.5 | | 0.5 | J | 0.0 | ND | 0.0 | ND | 0.1 | J |
| 66 (CL4) | 7.3 | | 3.9 | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 101 (CL5) | 6.0 | | 0.8 | J | 0.0 | ND | 0.0 | ND | 0.0 | J |
| 105 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.1 | J |
| 110/77 (CL5/4) | 17.8 | | 6.6 | | 1.3 | J | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 4.8 | | 1.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 128 (CL6) | 3.2 | | 0.3 | J | 0.0 | ND | 0.2 | J | 0.1 | J |
| 138 (CL6) | 2.8 | | 1.0 | J | 34.7 | | 0.9 | J | 0.7 | J |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 3.5 | | 0.6 | J | 0.0 | ND | 0.1 | J | 0.1 | J |
| 170 (CL7) | 17.5 | | 2.3 | | 0.0 | ND | 1.7 | J | 1.0 | J |
| 180 (CL7) | 2.5 | | 0.0 | ND | 0.0 | ND | 0.2 | J | 0.1 | J |
| 187/182/159(CL7/7/6) | 0.2 | J | 0.2 | J | 10.5 | | 0.0 | ND | 0.1 | J |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.2 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | FBJB | | BHKF | | PRBB | | PRBM | | PRBJ | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Bahia Honda | | Puerto Rico | | Puerto Rico | | Puerto Rico | |
| SITE | Joe Bay | | Key Florida | | Boqueron | | Montalva | | Bahia De Jobos | |
| LABSAMNO | K8109 | | K8076 | | K8122 | | K8124 | | K8126 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | 01/27/94 | | 01/21/94 | | 02/16/94 | | 02/16/94 | | 02/16/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 09/01/94 | | 08/31/94 | | 09/01/94 | | 09/01/94 | | 09/01/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| WETWT | 10.38 | | 10.26 | | 10.02 | | 10.06 | | 10.19 | |
| DRYWT | 1.09 | | 1.82 | | 1.62 | | 1.66 | | 1.65 | |
| WTUNITS | GRAMS | | GRAMS | | GRAMS | | GRAMS | | GRAMS | |
| % SOLIDS | 10.5 | | 17.7 | | 16.2 | | 16.5 | | 16.1 | |
| % LIPIDS | 7.1 | | 10.9 | | 5.0 | | 5.8 | | 6.1 | |
| Surrogate Recoveries | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | |
| DBOFB | 60.9 | | 56.9 | | 56.6 | | 62.0 | | 63.8 | |
| PCB#103 | 57.4 | | 67.3 | | 54.0 | | 58.9 | | 61.1 | |
| PCB#198 | 58.6 | | 64.9 | | 56.2 | | 62.5 | | 64.4 | |
| TOTAL BHCs | 2.3 | J | 2.5 | | 1.1 | J | 2.2 | J | 1.7 | J |
| TOT CHLORDANES (S&T) | 2.2 | J | 1.1 | J | 0.8 | J | 2.1 | J | 0.7 | J |
| TOTAL DDTs | 93.0 | | 1.5 | J | 3.2 | J | 7.8 | | 3.0 | J |
| TOTAL PCBs (S&T) | 51.8 | J | 23.8 | J | 60.3 | | 245.5 | | 32.3 | J |
| ALPHA-BHC | 1.0 | | 1.0 | | 0.8 | | 1.1 | | 1.0 | |
| HCB | 0.1 | J | 0.1 | J | 0.1 | J | 0.0 | J | 0.1 | J |
| BETA-BHC | 0.4 | J | 1.2 | | 0.2 | J | 0.6 | J | 0.1 | J |
| GAMMA-BHC | 0.6 | J | 0.0 | ND | 0.0 | ND | 0.3 | J | 0.2 | J |
| DELTA-BHC | 0.3 | J | 0.3 | J | 0.0 | J | 0.2 | J | 0.3 | J |
| HEPTACHLOR | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.1 | J | 0.1 | J |
| HEPTA-EPOXIDE | 0.5 | J | 0.3 | J | 0.2 | J | 0.7 | | 0.3 | J |
| OXYCHLORDANE | 0.6 | J | 0.6 | | 0.3 | J | 0.5 | J | 0.1 | J |
| GAMMA-CHLORDANE | 0.5 | J | 0.0 | ND | 0.1 | J | 0.6 | J | 0.1 | J |
| ALPHA-CHLORDANE | 1.4 | | 0.7 | | 0.6 | J | 1.2 | | 0.3 | J |
| TRANS-NONACHLOR | 0.3 | J | 0.1 | J | 0.0 | J | 0.1 | J | 0.0 | ND |
| CIS-NONACHLOR | 0.4 | J | 0.0 | ND | 0.2 | J | 0.2 | J | 0.2 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Tissue)

| INVEST# | FBJB | | BHKF | | PRBB | | PRBM | | PRBJ | |
|---|---|---|---|---|---|---|---|---|---|---|
| ID | Florida Bay | | Bahia Honda | | Puerto Rico | | Puerto Rico | | Puerto Rico | |
| SITE | Joe Bay | | Key Florida | | Boqueron | | Montalva | | Bahia De Jobos | |
| LABSAMNO | K8109 | | K8076 | | K8122 | | K8124 | | K8126 | |
| SAMPLE TYPE | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | | ng/g dry | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.0 | J | 0.0 | ND | 0.0 | J | 0.2 | J | 0.0 | ND |
| DIELDRIN | 1.0 | | 0.8 | | 0.9 | | 0.8 | | 0.6 | J |
| ENDRIN | 0.6 | J | 0.0 | ND | 0.2 | J | 0.0 | J | 0.2 | J |
| MIREX | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.3 | J | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 87.3 | M | 0.6 | | 0.0 | ND | 1.2 | | 0.6 | J |
| 4,4'DDE (P,P'DDE) | 4.7 | | 0.8 | | 1.3 | | 2.7 | | 1.0 | |
| 2,4'DDD (O,P'DDD) | 0.1 | J | 0.0 | ND | 0.1 | J | 1.5 | | 0.1 | J |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 0.0 | ND | 1.1 | | 2.4 | | 1.3 | |
| 2,4'DDT (O,P'DDT) | 0.0 | J | 0.0 | ND | 0.8 | | 0.0 | ND | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 0.9 | | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| PCB # (CLORINATION) | | | | | | | | | | |
| 8 (CL2) | 1.0 | J | 0.5 | J | 0.5 | J | 0.3 | J | 0.9 | J |
| 18 (CL3) | 0.4 | J | 0.4 | J | 0.6 | J | 0.0 | ND | 0.0 | ND |
| 28 (CL3) | 0.7 | J | 0.0 | ND | 0.7 | J | 1.2 | J | 0.2 | J |
| 44 (CL4) | 1.5 | J | 0.5 | J | 0.6 | J | 0.7 | J | 0.5 | J |
| 52 (CL4) | 2.3 | | 0.7 | J | 0.3 | J | 1.2 | J | 0.3 | J |
| 66 (CL4) | 0.7 | J | 2.9 | | 0.3 | J | 41.7 | | 1.5 | |
| 101 (CL5) | 1.3 | J | 0.0 | ND | 3.0 | | 3.2 | | 0.6 | J |
| 105 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 1.1 | J | 0.2 | J |
| 110/77 (CL5/4) | 9.2 | | 0.0 | ND | 7.8 | | 8.9 | | 4.2 | |
| 118/108/149(CL5/5/6) | 0.0 | ND | 0.0 | ND | 1.0 | J | 0.8 | J | 0.2 | J |
| 128 (CL6) | 0.3 | J | 0.0 | ND | 0.2 | J | 1.4 | | 0.1 | J |
| 138 (CL6) | 1.3 | J | 1.0 | J | 3.2 | | 6.1 | | 1.4 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 5.1 | | 0.0 | ND |
| 153 (CL6) | 0.0 | ND | 0.0 | ND | 5.1 | | 22.3 | | 1.2 | J |
| 170 (CL7) | 2.5 | | 2.0 | | 1.8 | | 3.0 | | 1.6 | |
| 180 (CL7) | 0.6 | J | 0.7 | J | 0.6 | J | 2.7 | | 0.4 | J |
| 187/182/159(CL7/7/6) | 0.2 | J | 0.7 | J | 1.1 | J | 16.1 | | 0.1 | J |
| 195 (CL8) | 0.1 | J | 0.0 | ND | 0.5 | J | 0.0 | ND | 0.5 | J |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.6 | J | 0.5 | J | 0.2 | J | 1.2 | J | 0.1 | J |

# Pesticides and PCBs QC Data (Tissue)

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | ABLR | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Aransas Bay | | ABLR | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| RECEIPT DATE | | | 12/17/93 | | 12/17/93 | | 12/17/93 | |
| QCBATCH | M1410 | | M1410 | | M1410 | | M1410 | |
| EXTRACTION DATE | 07/21/94 | | 07/21/94 | | 07/21/94 | | 07/21/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/26/94 | | 09/27/94 | | 08/26/94 | | 08/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | |
| WETWT | | | 10.05 | | 10.14 | | 10.12 | |
| DRYWT | 10.00 | | 1.65 | | 1.67 | | 1.69 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 16.4% | | 16.5% | | 16.7% | |
| Lipid Weight | | | | | | | | |
| % LIPIDS | | | 18.74 | | 15.32 | | 17.54 | |
| Surrogate Recoveries | | | | | | | | |
| Pesticides & PCBs | | | | | | | | |
| DBOFB | 61.8 | | 72.4 | | 59.2 | | 58.3 | |
| PCB#103 | 67.0 | | 74.3 | | 65.1 | | 54.8 | |
| PCB#198 | 60.1 | | 74.2 | | 69.7 | | 66.4 | |
| TOTAL BHCs | 0.0 | ND | 1.8 | J | 5.1 | | | NA |
| TOT CHLORDANES (S&T) | 0.0 | ND | 5.0 | | 4.8 | | | NA |
| TOTAL DDTs | 0.0 | ND | 14.5 | | 9.3 | | | NA |
| TOTAL PCBs (S&T) | 2.2 | J | 26.3 | J | 38.6 | J | | NA |
| ALPHA-BHC | 0.0 | ND | 0.6 | | 0.3 | J | 84.3 | |
| HCB | 0.0 | ND | 0.2 | J | 0.1 | J | 96.3 | |
| BETA-BHC | 0.0 | ND | 1.1 | | 0.0 | ND | 91.6 | |
| GAMMA-BHC | 0.0 | ND | 0.0 | ND | 4.6 | | 98.6 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | ABLR | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Aransas Bay | | ABLR | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| DELTA-BHC | 0.0 | ND | 0.0 | ND | 0.2 | J | 88.0 | |
| HEPTACHLOR | 0.0 | ND | 0.1 | J | 0.0 | ND | 76.2 | |
| HEPTA-EPOXIDE | 0.0 | ND | 1.1 | | 0.0 | ND | 62.1 | |
| OXYCHLORDANE | 0.0 | ND | 0.3 | J | 0.5 | J | 88.5 | |
| GAMMA-CHLORDANE | 0.0 | ND | 1.0 | | 1.0 | | 79.2 | |
| ALPHA-CHLORDANE | 0.0 | ND | 1.9 | | 2.8 | | 92.4 | |
| TRANS-NONACHLOR | 0.0 | ND | 2.0 | | 1.9 | | 79.7 | |
| CIS-NONACHLOR | 0.0 | ND | 0.9 | | 1.1 | | 71.6 | |
| ALDRIN | 0.0 | ND | 0.7 | | 1.5 | | 74.4 | |
| DIELDRIN | 0.0 | ND | 2.0 | | 1.7 | | 69.7 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 98.2 | |
| MIREX | 0.0 | ND | 0.0 | ND | 0.1 | J | 87.8 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 67.2 | |
| 4,4'DDE (P,P'DDE) | 0.0 | ND | 11.1 | | 9.2 | | 72.1 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 61.9 | |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 1.5 | | 0.0 | ND | 118.0 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.2 | J | 0.2 | J | 69.3 | |
| 4,4'DDT (P,P'DDT) | 0.0 | ND | 1.8 | | 0.0 | ND | 90.5 | |
| PCB # (CLORINATION) | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.4 | J | 0.6 | J | 120.2 | |
| 18 (CL3) | 0.0 | ND | 0.0 | ND | 1.1 | J | 61.2 | |
| 28 (CL3) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 109.1 | |
| 44 (CL4) | 0.0 | ND | 3.6 | | 0.7 | J | 88.0 | |
| 52 (CL4) | 0.0 | ND | 0.5 | J | 1.0 | J | 97.8 | |
| 66 (CL4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 107.2 | |
| 101 (CL5) | 0.0 | ND | 0.9 | J | 1.3 | | 94.9 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | ABLR | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Aransas Bay | | ABLR | | ABLR | |
| SITE | | | Long Reef | | Long Reef | | Long Reef | |
| LABSAMNO | Q9490 | | K8032 | | Q9492 | | Q9493 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| 105 (CL5) | 0.0 | ND | 0.2 | J | 0.0 | ND | 98.9 | |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | | NA |
| 118/108/149(CL5/5/6) | 0.0 | ND | 0.3 | J | 0.0 | ND | 115.8 | |
| 128 (CL6) | 0.0 | ND | 0.4 | J | 0.0 | ND | 114.8 | |
| 138 (CL6) | 0.0 | ND | 1.7 | | 2.5 | | 100.6 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | | NA |
| 153 (CL6) | 0.0 | ND | 1.0 | J | 1.4 | | 68.0 | |
| 170 (CL7) | 0.0 | ND | 0.6 | J | 5.1 | | 105.3 | |
| 180 (CL7) | 0.0 | ND | 1.0 | J | 0.1 | J | 101.2 | |
| 187/182/159(CL7/7/6) | 0.0 | ND | 0.7 | J | 0.9 | J | 97.3 | |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 1.2 | | 108.1 | |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 85.8 | |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.8 | J | 105.7 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | BSSI | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Breton Sound | | BSSI | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| RECEIPT DATE | | | 01/15/93 | | 01/15/93 | | 01/15/93 | |
| QCBATCH | M1411 | | M1411 | | M1411 | | M1411 | |
| EXTRACTION DATE | 07/25/94 | | 07/25/94 | | 07/25/94 | | 07/25/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/26/94 | | 08/27/94 | | 08/26/94 | | 08/27/94 | |
| MATRIX | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | |
| WETWT | | | 10.03 | | 10.01 | | 10.01 | |
| DRYWT | 10.00 | | 0.75 | | 0.77 | 0.58 | 0.79 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 7.4% | | 7.7% | | 7.9% | |
| Lipid Weight | | | | | | | | |
| % LIPIDS | | | 17.40 | | 21.78 | | 14.38 | |
| Surrogate Recoveries | | | | | | | | |
| Pesticides & PCBs | | | | | | | | |
| DBOFB | 57.3 | | 76.9 | | 72.4 | | 74.1 | |
| PCB#103 | 65.8 | | 75.9 | | 72.3 | | 74.1 | |
| PCB#198 | 63.1 | | 82.5 | | 79.5 | | 80.6 | |
| TOTAL BHCs | 0.0 | ND | 4.7 | J | 4.0 | J | | NA |
| TOT CHLORDANES (S&T) | 0.0 | ND | 56.9 | | 53.5 | | | NA |
| TOTAL DDTs | 0.3 | J | 92.6 | | 87.8 | | | NA |
| TOTAL PCBs (S&T) | 5.6 | J | 366.5 | | 347.2 | | | NA |
| ALPHA-BHC | 0.0 | ND | 1.6 | | 1.2 | J | 77.1 | |
| HCB | 0.0 | ND | 0.0 | ND | 0.0 | J | 86.9 | |
| BETA-BHC | 0.0 | ND | 1.6 | | 1.3 | | 61.0 | |
| GAMMA-BHC | 0.0 | ND | 1.1 | J | 1.2 | J | 82.9 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | BSSI | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Breton Sound | | BSSI | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| DELTA-BHC | 0.0 | ND | 0.4 | J | 0.2 | J | 75.4 | |
| HEPTACHLOR | 0.0 | ND | 0.6 | J | 0.4 | J | 79.0 | |
| HEPTA-EPOXIDE | 0.0 | ND | 6.0 | | 5.8 | | 71.6 | |
| OXYCHLORDANE | 0.0 | ND | 2.1 | | 2.5 | | 95.8 | |
| GAMMA-CHLORDANE | 0.2 | | 15.2 | | 14.8 | | 80.7 | |
| ALPHA-CHLORDANE | 0.0 | ND | 31.7 | | 28.7 | | 75.3 | |
| TRANS-NONACHLOR | 0.0 | ND | 18.7 | | 18.6 | | 77.8 | |
| CIS-NONACHLOR | 0.0 | ND | 10.0 | | 9.3 | | 75.6 | |
| ALDRIN | 0.0 | ND | 2.6 | | 3.0 | | 80.1 | |
| DIELDRIN | 0.0 | ND | 34.4 | | 31.9 | | 64.6 | |
| ENDRIN | 0.1 | J | 3.3 | | 3.2 | | 94.7 | |
| MIREX | 0.0 | ND | 0.0 | ND | 0.0 | ND | 92.1 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 61.7 | |
| 4,4'DDE (P,P'DDE) | 0.3 | | 50.9 | | 49.3 | | 63.0 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 3.7 | | 3.0 | | 72.7 | |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 27.2 | | 24.8 | | 85.0 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 1.3 | | 1.2 | J | 73.0 | |
| 4,4'DDT (P,P'DDT) | 0.0 | ND | 9.4 | | 9.5 | | 87.5 | |
| PCB # (CLORINATION) | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.9 | J | 0.7 | J | 99.2 | |
| 18 (CL3) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 85.5 | |
| 28 (CL3) | 0.0 | ND | 1.5 | J | 1.4 | J | 89.2 | |
| 44 (CL4) | 0.2 | | 7.5 | | 6.7 | | 89.6 | |
| 52 (CL4) | 0.0 | ND | 10.8 | | 9.0 | | 97.3 | |
| 66 (CL4) | 0.0 | ND | 2.9 | | 3.7 | | 73.9 | |
| 101 (CL5) | 0.0 | ND | 16.1 | | 17.3 | | 99.1 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | BSSI | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Breton Sound | | BSSI | | BSSI | |
| SITE | | | Sable Island | | Sable Island | | Sable Island | |
| LABSAMNO | Q9495 | | K8038 | | Q9497 | | Q9498 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| 105 (CL5) | 0.0 | ND | 4.8 | | 4.2 | | 97.8 | |
| 110/77 (CL5/4) | 0.0 | ND | 36.1 | | 32.0 | | | NA |
| 118/108/149(CL5/5/6) | 0.0 | ND | 9.9 | | 8.4 | | 93.7 | |
| 128 (CL6) | 0.0 | ND | 5.3 | | 5.6 | | 107.4 | |
| 138 (CL6) | 0.4 | | 30.7 | | 29.3 | | 84.0 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | | NA |
| 153 (CL6) | 0.0 | ND | 24.4 | | 22.0 | | 55.3 | |
| 170 (CL7) | 0.7 | | 2.5 | J | 2.5 | J | 102.8 | |
| 180 (CL7) | 0.2 | | 7.3 | | 7.6 | | 93.3 | |
| 187/182/159(CL7/7/6) | 0.0 | ND | 14.9 | | 14.7 | | 89.1 | |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 102.5 | |
| 206 (CL9) | 0.0 | ND | 0.6 | J | 0.8 | J | 93.4 | |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 104.2 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | FBFO | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| RECEIPT DATE | | | 01/27/94 | | 01/27/94 | | 01/27/94 | |
| QCBATCH | M1412 | | M1412 | | M1412 | | M1412 | |
| EXTRACTION DATE | 08/01/94 | | 08/01/94 | | 08/01/94 | | 08/01/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/30/94 | | 08/30/94 | | 08/30/94 | | 08/30/94 | |
| MATRIX | | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | |
| WETWT | | | 10.03 | | 10.01 | | 10.02 | |
| DRYWT | 10.00 | | 1.04 | | 1.02 | | 0.99 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 10.4% | | 10.2% | | 9.8% | |
| Lipid Weight | | | | | | | | |
| % LIPIDS | | | 6.25 | | 7.74 | | 8.34 | |
| Surrogate Recoveries | | | | | | | | |
| Pesticides & PCBs | | | | | | | | |
| DBOFB | 57.9 | | 71.9 | | 67.7 | | 68.7 | |
| PCB#103 | 66.2 | | 74.4 | | 71.2 | | 66.1 | |
| PCB#198 | 58.7 | | 78.1 | | 72.9 | | 75.0 | |
| TOTAL BHCs | 0.0 | ND | 4.3 | | 3.4 | J | | NA |
| TOT CHLORDANES (S&T) | 0.0 | ND | 3.5 | J | 2.6 | J | | NA |
| TOTAL DDTs | 0.0 | ND | 30.1 | | 19.4 | | | NA |
| TOTAL PCBs (S&T) | 4.9 | J | 43.4 | J | 27.6 | J | | NA |
| ALPHA-BHC | 0.0 | ND | 2.2 | | 2.0 | | 83.0 | |
| HCB | 0.0 | ND | 0.0 | ND | 0.1 | J | 99.8 | |
| BETA-BHC | 0.0 | ND | 0.5 | J | 0.4 | J | 70.7 | |
| GAMMA-BHC | 0.0 | ND | 1.3 | | 0.9 | J | 92.3 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | FBFO | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| DELTA-BHC | 0.0 | ND | 0.4 | J | 0.0 | ND | 81.2 | |
| HEPTACHLOR | 0.0 | ND | 0.5 | J | 0.4 | J | 82.7 | |
| HEPTA-EPOXIDE | 0.0 | ND | 0.5 | J | 0.2 | J | 77.3 | |
| OXYCHLORDANE | 0.0 | ND | 0.2 | J | 0.0 | ND | 97.0 | |
| GAMMA-CHLORDANE | 0.0 | ND | 0.3 | J | 0.0 | ND | 89.9 | |
| ALPHA-CHLORDANE | 0.0 | ND | 2.2 | | 1.8 | | 82.7 | |
| TRANS-NONACHLOR | 0.0 | ND | 0.3 | J | 0.2 | J | 80.4 | |
| CIS-NONACHLOR | 0.0 | ND | 0.3 | J | 0.2 | J | 83.8 | |
| ALDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 82.4 | |
| DIELDRIN | 0.0 | ND | 1.0 | | 1.0 | J | 76.6 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 90.3 | |
| MIREX | 0.0 | ND | 0.0 | ND | 0.0 | ND | 93.3 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 22.1 | | 12.7 | | 52.9 | |
| 4,4'DDE (P,P'DDE) | 0.0 | ND | 6.1 | | 5.0 | | 84.6 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 100.5 | |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 1.5 | | 1.4 | | 101.6 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 85.5 | |
| 4,4'DDT (P,P'DDT) | 0.0 | ND | 0.4 | J | 0.3 | J | 92.2 | |
| PCB # (CLORINATION) | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 1.1 | J | 0.6 | J | 88.7 | |
| 18 (CL3) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 80.7 | |
| 28 (CL3) | 0.0 | ND | 0.7 | J | 0.1 | J | 86.9 | |
| 44 (CL4) | 0.3 | | 0.7 | J | 0.4 | J | 91.3 | |
| 52 (CL4) | 0.0 | ND | 0.5 | J | 0.8 | J | 102.5 | |
| 66 (CL4) | 0.0 | ND | 3.9 | | 1.4 | J | 83.5 | |
| 101 (CL5) | 0.0 | ND | 0.8 | J | 0.8 | J | 94.6 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | LAB QA SAMPLE | | FBFO | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | PROC BLANK | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Flamingo | | Flamingo | |
| LABSAMNO | Q9500 | | K8093 | | Q9502 | | Q9503 | |
| SAMPLE TYPE | BLANK | | SAMP | | DUP | | MS | |
| UNIT | ng/g | | ng/g | | ng/g | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL |
| 105 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 93.8 | |
| 110/77 (CL5/4) | 0.0 | ND | 6.6 | | 3.7 | | | NA |
| 118/108/149(CL5/5/6) | 0.0 | ND | 1.0 | J | 0.1 | J | 104.7 | |
| 128 (CL6) | 0.0 | ND | 0.3 | J | 0.0 | ND | 106.7 | |
| 138 (CL6) | 0.3 | | 1.0 | J | 1.0 | J | 88.7 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | | NA |
| 153 (CL6) | 0.0 | ND | 0.6 | J | 0.5 | J | 80.7 | |
| 170 (CL7) | 0.5 | | 2.3 | | 2.0 | | 106.5 | |
| 180 (CL7) | 0.2 | J | 0.0 | ND | 0.1 | J | 105.4 | |
| 187/182/159(CL7/7/6) | 0.0 | ND | 0.2 | J | 0.4 | J | 102.8 | |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 106.9 | |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 87.2 | |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 99.6 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | LAB QA SAMPLE | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | CONSENSUS VALUES | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | | | M1410 | | M1412 | | M1411 | |
| EXTRACTION DATE | | | 07/21/94 | | 08/01/94 | | 07/25/94 | |
| METHOD | | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | | | 08/26/94 | | 08/30/94 | | 08/26/94 | |
| MATRIX | | | TISSUE | | TISSUE | | TISSUE | |
| SUBMAT | | | | | | | | |
| WETWT | | | 5.02 | | 5.01 | | 5.00 | |
| DRYWT | | | 0.49 | | 0.59 | | 0.44 | |
| WTUNITS | | | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| PCTSOLIDS | | | 9.8% | | 11.8% | | 8.8% | |
| Lipid Weight | | | | | | | | |
| % LIPIDS | | | 3.90 | | 5.58 | | 4.10 | |
| Surrogate Recoveries | | | | | | | | |
| Pesticides & PCBs | | | | | | | | |
| DBOFB | | | 67.7 | | 58.2 | | 71.7 | |
| PCB#103 | | | 70.8 | | 62.6 | | 75.4 | |
| PCB#198 | | | 70.8 | | 63.5 | | 76.5 | |
| TOTAL BHCs | | | 8.2 | | 4.6 | J | 3.4 | J |
| TOT CHLORDANES (S&T) | | | 49.7 | | 34.0 | | 46.6 | |
| TOTAL DDTs | | | 136.9 | | 90.4 | | 137.8 | |
| TOTAL PCBs (S&T) | | | 2778.5 | | 2740.4 | | 3664.5 | |
| ALPHA-BHC | | | 3.1 | | 3.4 | | 2.2 | J |
| HCB | | | 0.4 | J | 0.3 | J | 0.4 | J |
| BETA-BHC | | | 3.1 | | 0.0 | ND | 0.1 | J |
| GAMMA-BHC | 2.7 | +/-2.87 | 1.9 | J | 1.1 | J | 1.0 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | LAB QA SAMPLE | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | CONSENSUS VALUES | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| DELTA-BHC | | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 4.5 | +/-4.17 | 13.8 | | 0.0 | ND | 0.5 | J |
| HEPTA-EPOXIDE | | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| OXYCHLORDANE | | | 6.6 | | 4.9 | | 7.0 | |
| GAMMA-CHLORDANE | | | 16.5 | | 12.1 | | 18.4 | |
| ALPHA-CHLORDANE | | | 17.5 | | 17.8 | | 26.3 | |
| TRANS-NONACHLOR | 17.5 | +/-6.20 | 18.4 | | 16.2 | | 19.8 | |
| CIS-NONACHLOR | 15.6 | +/-2.80 | 12.6 | | 8.7 | | 12.2 | |
| ALDRIN | 7.0 | +/-8.24 | 0.0 | ND | 0.0 | ND | 0.5 | J |
| DIELDRIN | 6.8 | +/-2.48 | 8.2 | | 7.0 | | 11.8 | |
| ENDRIN | | | 0.0 | ND | 0.0 | ND | 2.3 | |
| MIREX | 1.4 | +/-1.01 | 0.0 | ND | 0.8 | J | 0.6 | J |
| 2,4'DDE (O,P'DDE) | | | 0.0 | ND | 0.0 | ND | 2.0 | J |
| 4,4'DDE (P,P'DDE) | 50.5 | +/-13.6 | 48.6 | | 34.2 | | 56.4 | |
| 2,4'DDD (O,P'DDD) | 14.4 | +/-3.80 | 9.3 | | 7.3 | | 6.9 | |
| 4,4'DDD (P,P'DDD) | 42.1 | +/-12.8 | 68.1 | | 42.1 | | 61.7 | |
| 2,4'DDT (O,P'DDT) | 6.0 | +/-3.16 | 8.0 | | 4.8 | | 6.2 | |
| 4,4'DDT (P,P'DDT) | 3.1 | +/-1.10 | 2.9 | | 2.0 | | 4.7 | |
| PCB # (CLORINATION) | | | | | | | | |
| 8 (CL2) | 5.7 | +/-2.3 | 7.6 | | 6.5 | | 4.5 | J |
| 18 (CL3) | 30.7 | +/-8.1 | 33.3 | | 27.7 | | 34.6 | |
| 28 (CL3) | 65.8 | +/-24.7 | 149.8 | | 80.3 | | 118.3 | |
| 44 (CL4) | 61.8 | +/-27.3 | 90.7 | | 74.7 | | 103.3 | |
| 52 (CL4) | 104.0 | +/-37. | 146.4 | | 124.3 | | 165.7 | |
| 66 (CL4) | 103.0 | +/-31. | 124.6 | | 91.5 | | 139.1 | |
| 101 (CL5) | 129.0 | +/-44 | 176.4 | | 137.5 | | 187.7 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Tissue)

| INVEST# | NIST SRM 1974a | | LAB QA SAMPLE | | LAB QA SAMPLE | | LAB QA SAMPLE | |
|---|---|---|---|---|---|---|---|---|
| ID | CONSENSUS VALUES | | SRM 1974a | | SRM 1974a | | SRM 1974a | |
| SITE | | | | | | | | |
| LABSAMNO | SRM | | Q9491 | | Q9501 | | Q9496 | |
| SAMPLE TYPE | | | SRM | | SRM | | SRM | |
| UNIT | ng/g | | ng/g | | ng/g | | ng/g | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| 105 (CL5) | 55.6 | +/-18.5 | 66.2 | | 45.5 | | 65.6 | |
| 110/77 (CL5/4) | | | 0.0 | ND | 274.0 | | 304.3 | |
| 118/108/149(CL5/5/6) | 133.0 | +/-33 | 162.4 | | 123.2 | | 182.0 | |
| 128 (CL6) | 21.7 | +/-6.3 | 25.6 | | 19.8 | | 32.6 | |
| 138 (CL6) | 147.0 | +/-36 | 157.8 | | 116.5 | | 200.0 | |
| 126 (CL5) | | | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 153 (CL6) | 147.0 | +/-38 | 211.3 | | 186.6 | | 226.4 | |
| 170 (CL7) | 4.4 | +/-2.3 | 8.1 | | 7.4 | | 7.5 | |
| 180 (CL7) | 13.2 | +/-3.3 | 31.9 | | 25.1 | | 39.5 | |
| 187/182/159(CL7/7/6) | 32.2 | +/-8.9 | 38.1 | | 31.8 | | 42.7 | |
| 195 (CL8) | 0.7 | +/-.38 | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 206 (CL9) | 0.5 | +/-.40 | 0.0 | ND | 1.3 | J | 0.3 | J |
| 209 (CL10) | 1.1 | +/-1.4 | 0.0 | ND | 0.0 | ND | 0.2 | J |

# Pesticides and PCBs Data (Sediment)

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Sediment)

| INVEST#: | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID: | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE: | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | | Joe Bay | |
| LABSAMNO: | K8098 | | K8099 | | K8100 | | K8113 | | K8114 | | K8115 | |
| SAMPLE TYPE: | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT: | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| RECEIPT DATE: | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | | 01/27/94 | |
| QCBATCH: | M2106 | | M2106 | | M2106 | | M2106 | | M2106 | | M2106 | |
| EXTRACTION DATE: | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | |
| METHOD: | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE: | 08/09/94 | | 08/09/94 | | 08/09/94 | | 08/09/94 | | 08/09/94 | | 08/09/94 | |
| MATRIX: | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | |
| WETWT: | 30.03 | | 30.07 | | 30.22 | | 30.21 | | 30.16 | | 30.19 | |
| DRYWT: | 8.95 | | 8.27 | | 8.05 | | 8.73 | | 9.46 | | 8.87 | |
| WTUNITS: | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| % SOLIDS: | 29.80 | | 27.49 | | 26.65 | | 28.88 | | 31.35 | | 29.37 | |
| Surrogate Recoveries | | | | | | | | | | | | |
| Pesticides & PCBs | | | | | | | | | | | | |
| DBOFB: | 89.1 | | 91.2 | | 79.4 | | 81.8 | | 95.1 | | 92.6 | |
| PCB#103: | 84.9 | | 88.6 | | 79.4 | | 80.7 | | 91.9 | | 93.1 | |
| PCB#198: | 89.3 | | 92.9 | | 79.1 | | 82.2 | | 95.4 | | 93.9 | |
| TOTAL BHCs | 0.03 | J | 0.04 | J | 0.03 | J | 0.05 | J | 0.02 | J | 0.04 | J |
| OT CHLORDANES (S&T) | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND |
| TOTAL DDTs | 1.2 | | 0.2 | J | 1.7 | | 0.7 | J | 0.2 | J | 0.0 | J |
| TOTAL PCBs (S&T) | 4.6 | J | 11.9 | | 2.4 | J | 2.3 | J | 2.3 | J | 2.3 | J |
| ALPHA-BHC | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J |
| HCB | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J | 0.0 | J |
| BETA-BHC | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| GAMMA-BHC | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| DELTA-BHC | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTACHLOR | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| HEPTA-EPOXIDE | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| OXYCHLORDANE | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| AMMA-CHLORDANE | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| ALPHA-CHLORDANE | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND |
| TRANS-NONACHLOR | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND |
| CIS-NONACHLOR | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | ND |

# Mussel Watch Project Year 9 - Pesticides and PCBs Data (Sediment)

| INVEST#: | FBFO | | FBFO | | FBFO | | FBJB | | FBJB | | FBJB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ID: | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | | Florida Bay | |
| SITE: | Flamingo | | Flamingo | | Flamingo | | Joe Bay | | Joe Bay | | Joe Bay | |
| LABSAMNO: | K8098 | | K8099 | | K8100 | | K8113 | | K8114 | | K8115 | |
| SAMPLE TYPE: | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | | SAMP | |
| UNIT: | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | | ng/g | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL | Conc | DB QUAL |
| ALDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| DIELDRIN | 0.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| ENDRIN | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| MIREX | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 0.0 | J | 0.0 | ND | 0.0 | J | 0.6 | | 0.0 | J | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 0.7 | | 0.1 | J | 0.2 | | 0.1 | J | 0.0 | J | 0.0 | J |
| 2,4'DDD (O,P'DDD) | 0.0 | J | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 4,4'DDD (P,P'DDD) | 0.4 | | 0.0 | ND | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | 0.0 | J | 0.0 | ND | 1.4 | | 0.0 | ND | 0.1 | J | 0.0 | ND |
| CB # (CLORINATION) | | | | | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 18 (CL3) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 28 (CL3) | 0.2 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 44 (CL4) | 0.1 | J | 0.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 52 (CL4) | 0.2 | J | 0.1 | J | 0.0 | J | 0.0 | ND | 0.0 | J | 0.0 | ND |
| 66 (CL4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 101 (CL5) | 0.1 | J | 0.0 | J | 0.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | J |
| 105 (CL5) | 0.0 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 118/108/149(CL5/5/6) | 0.1 | J | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 128 (CL6) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 138 (CL6) | 0.1 | J | 0.1 | J | 0.1 | J | 0.0 | J | 0.0 | J | 0.0 | J |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | J | 0.0 | ND | 0.0 | J |
| 153 (CL6) | 0.1 | J | 0.1 | J | 0.0 | J | 0.0 | J | 0.0 | ND | 0.0 | ND |
| 170 (CL7) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 180 (CL7) | 0.1 | J | 0.1 | J | 0.0 | J | 0.0 | J | 0.0 | ND | 0.0 | J |
| 187/182/159(CL7/7/6) | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 195 (CL8) | 0.0 | ND | 0.5 | | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 206 (CL9) | 0.0 | J | 3.0 | | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |
| 209 (CL10) | 0.0 | ND | 0.4 | | 0.0 | ND | 0.0 | ND | 0.0 | ND | 0.0 | ND |

# Pesticides and PCBs QC Data (Sediment)

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | K8100 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | SAMP | | MS | | MSD | |
| UNIT | ng/g | | ng/g | | % | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| RECEIPT DATE | | | | | | | | |
| QCBATCH | M2106 | | M2106 | | M2106 | | M2106 | |
| EXTRACTION DATE | 07/19/94 | | 07/19/94 | | 07/19/94 | | 07/19/94 | |
| METHOD | GCECD | | GCECD | | GCECD | | GCECD | |
| ANALYSIS DATE | 08/08/94 | | 08/09/94 | | 08/09/94 | | 08/09/94 | |
| MATRIX | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | | SEDIMENTS | |
| WETWT | | | 30.22 | | 30.12 | | 30.10 | |
| DRYWT | 10.00 | | 8.05 | | 8.03 | | 8.02 | |
| WTUNITS | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY | GRAMS | DRY |
| % SOLIDS | | | 26.7% | | 26.7% | | 26.7% | |
| Surrogate Recoveries | | | | | | | | |
| Pesticides & PCBs | | | | | | | | |
| DBOFB | 83.1 | | 79.4 | | 80.5 | | 84.1 | |
| PCB#103 | 83.1 | | 79.4 | | 82.8 | | 84.5 | |
| PCB#198 | 85.9 | | 79.1 | | 81.6 | | 84.4 | |
| TOTAL BHCs | 0.00 | ND | 0.03 | J | | NA | | NA |
| TOT CHLORDANES (S&T) | 0.0 | ND | 0.0 | ND | | NA | | NA |
| TOTAL DDTs | 0.0 | ND | 1.7 | | | NA | | NA |
| TOTAL PCBs (S&T) | 3.1 | J | 2.4 | J | | | | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | K8100 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | SAMP | | MS | | MSD | |
| UNIT | ng/g | | ng/g | | % | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| ALPHA-BHC | 0.0 | ND | 0.0 | J | 80.6 | | 79.6 | |
| HCB | 0.0 | J | 0.0 | J | 89.8 | | 89.9 | |
| BETA-BHC | 0.0 | ND | 0.0 | ND | 70.4 | | 65.3 | |
| GAMMA-BHC | 0.0 | ND | 0.0 | ND | 90.6 | | 87.3 | |
| DELTA-BHC | 0.0 | ND | 0.0 | ND | 66.9 | | 73.9 | |
| HEPTACHLOR | 0.0 | ND | 0.0 | ND | 80.4 | | 79.7 | |
| HEPTA-EPOXIDE | 0.0 | ND | 0.0 | ND | 83.7 | | 73.5 | |
| OXYCHLORDANE | 0.0 | ND | 0.0 | ND | 104.5 | | 101.1 | |
| GAMMA-CHLORDANE | 0.0 | ND | 0.0 | J | 89.3 | | 85.3 | |
| ALPHA-CHLORDANE | 0.0 | ND | 0.0 | ND | 91.4 | | 88.2 | |
| TRANS-NONACHLOR | 0.0 | ND | 0.0 | ND | 88.8 | | 86.2 | |
| CIS-NONACHLOR | 0.0 | ND | 0.0 | ND | 90.8 | | 84.6 | |
| ALDRIN | 0.0 | ND | 0.0 | ND | 87.3 | | 88.6 | |
| DIELDRIN | 0.0 | ND | 0.0 | ND | 76.2 | | 71.8 | |
| ENDRIN | 0.0 | ND | 0.0 | ND | 93.7 | | 82.6 | |
| MIREX | 0.0 | ND | 0.0 | ND | 92.9 | | 92.7 | |
| 2,4'DDE (O,P'DDE) | 0.0 | ND | 0.0 | J | 77.1 | | 77.3 | |
| 4,4'DDE (P,P'DDE) | 0.0 | ND | 0.2 | | 85.2 | | 88.8 | |
| 2,4'DDD (O,P'DDD) | 0.0 | ND | 0.0 | ND | 96.9 | | 91.6 | |
| 4,4'DDD (P,P'DDD) | 0.0 | ND | 0.1 | J | 97.3 | | 89.5 | |
| 2,4'DDT (O,P'DDT) | 0.0 | ND | 0.0 | ND | 88.8 | | 84.6 | |
| 4,4'DDT (P,P'DDT) | 0.0 | ND | 1.4 | | 55.3 | | 49.7 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | Lab QA Sample | | FBFO | | Lab QA Sample | | Lab QA Sample | |
|---|---|---|---|---|---|---|---|---|
| ID | Proc Blank | | Florida Bay | | FBFO | | FBFO | |
| SITE | | | Flamingo | | Florida Bay | | Florida Bay | |
| LABSAMNO | Q9572 | | K8100 | | Q9574 | | Q9575 | |
| SAMPLE TYPE | BLANK | | SAMP | | MS | | MSD | |
| UNIT | ng/g | | ng/g | | % | | % | |
| Analyte | Conc | DB QUAL | Conc | DB QUAL | Recovery | DB QUAL | Recovery | DB QUAL |
| PCB # (CLORINATION) | | | | | | | | |
| 8 (CL2) | 0.0 | ND | 0.0 | ND | 89.2 | | 88.7 | |
| 18 (CL3) | 0.0 | ND | 0.0 | ND | 94.2 | | 89.6 | |
| 28 (CL3) | 0.0 | ND | 0.0 | ND | 97.2 | | 96.8 | |
| 44 (CL4) | 0.0 | ND | 0.0 | ND | 98.3 | | 95.0 | |
| 52 (CL4) | 0.0 | ND | 0.0 | J | 102.6 | | 101.5 | |
| 66 (CL4) | 0.0 | ND | 0.0 | ND | 80.8 | | 79.8 | |
| 101 (CL5) | 0.0 | ND | 0.0 | J | 98.0 | | 96.3 | |
| 105 (CL5) | 0.0 | ND | 0.0 | ND | 102.2 | | 96.4 | |
| 110/77 (CL5/4) | 0.0 | ND | 0.0 | ND | 112.6 | | 110.3 | |
| 118/108/149(CL5/5/6) | 0.0 | ND | 0.0 | ND | 99.1 | | 98.5 | |
| 128 (CL6) | 0.0 | ND | 0.0 | ND | 107.8 | | 93.2 | |
| 138 (CL6) | 0.0 | J | 0.1 | J | 98.7 | | 95.7 | |
| 126 (CL5) | 0.0 | ND | 0.0 | ND | 106.8 | | 102.7 | |
| 153 (CL6) | 0.0 | ND | 0.0 | J | 71.7 | | 70.9 | |
| 170 (CL7) | 0.4 | | 0.0 | ND | 97.9 | | 98.3 | |
| 180 (CL7) | 0.0 | ND | 0.0 | J | 90.8 | | 92.2 | |
| 187/182/159(CL7/7/6) | 0.0 | ND | 0.0 | ND | 82.8 | | 79.1 | |
| 195 (CL8) | 0.0 | ND | 0.0 | ND | 95.9 | | 96.0 | |
| 206 (CL9) | 0.0 | ND | 0.0 | ND | 78.9 | | 79.6 | |
| 209 (CL10) | 0.0 | ND | 0.0 | ND | 95.4 | | 95.3 | |
| Surrogate Recoveries | | | | | | | | |
| DBOFB% | 83.1 | | 79.4 | | 80.5 | | 84.1 | |
| PCB#103% | 83.1 | | 79.4 | | 82.8 | | 84.5 | |
| PCB#198% | 85.9 | | 79.1 | | 81.6 | | 84.4 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | NIST SRM 1941a | | Lab QA Sample | |
|---|---|---|---|---|
| ID | Certified Values | | SRM 1941a | |
| SITE | | | | |
| LABSAMNO | SRM | | Q9573 | |
| SAMPLE TYPE | | | SRM | |
| UNIT | ng/g | | ng/g | |
| Analyte | Values | Range | Conc | DB QUAL |
| RECEIPT DATE | | | | |
| QCBATCH | | | M2106 | |
| EXTRACTION DATE | | | 07/19/94 | |
| METHOD | | | GCECD | |
| ANALYSIS DATE | | | 08/08/94 | |
| MATRIX | | | SEDIMENTS | |
| WETWT | | | | |
| DRYWT | | | 1.01 | |
| WTUNITS | | | GRAMS | DRY |
| % SOLIDS | | | | |
| Surrogate Recoveries | | | | |
| Pesticides & PCBs | | | | |
| DBOFB | | | 93.9 | |
| PCB#103 | | | 88.1 | |
| PCB#198 | | | 90.4 | |
| TOTAL BHCs | | | 0.57 | J |
| TOT CHLORDANES (S&T) | | | 1.9 | J |
| TOTAL DDTs | | | 10.7 | |
| TOTAL PCBs (S&T) | | | 271.0 | |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | NIST SRM 1941a | | Lab QA Sample | |
|---|---|---|---|---|
| ID | Certified Values | | SRM 1941a | |
| SITE | | | | |
| LABSAMNO | SRM | | Q9573 | |
| SAMPLE TYPE | | | SRM | |
| UNIT | ng/g | | ng/g | |
| Analyte | Values | Range | Conc | DB QUAL |
| ALPHA-BHC | | | 0.4 | J |
| HCB | 70.0 | +/-25 | 53.7 | |
| BETA-BHC | | | 0.0 | ND |
| GAMMA-BHC | | | 0.2 | J |
| DELTA-BHC | | | 0.0 | ND |
| HEPTACHLOR | | | 0.0 | ND |
| HEPTA-EPOXIDE | | | 0.0 | ND |
| OXYCHLORDANE | NC 2.6 | +/-.19 | 0.2 | J |
| GAMMA-CHLORDANE | | | 1.1 | |
| ALPHA-CHLORDANE | 2.3 | +/-.56 | 1.4 | |
| TRANS-NONACHLOR | 1.3 | +/-.13 | 0.5 | J |
| CIS-NONACHLOR | | | 0.6 | J |
| ALDRIN | | | 0.0 | ND |
| DIELDRIN | NC 1.3 | +/-.37 | 2.1 | |
| ENDRIN | | | 0.0 | ND |
| MIREX | | | 0.0 | ND |
| 2,4'DDE (O,P'DDE) | 0.7 | +/-.11 | 0.0 | ND |
| 4,4'DDE (P,P'DDE) | 6.6 | +/-.56 | 5.5 | |
| 2,4'DDD (O,P'DDD) | | | 0.6 | J |
| 4,4'DDD (P,P'DDD) | 5.1 | +/-.58 | 4.1 | |
| 2,4'DDT (O,P'DDT) | | | 0.0 | ND |
| 4,4'DDT (P,P'DDT) | NC 1.3 | +/-.10 | 0.6 | J |

# Mussel Watch Project Year 9 - Pesticides and PCBs QC Data (Sediment)

| INVEST# | NIST SRM 1941a | | Lab QA Sample | |
|---|---|---|---|---|
| ID | Certified Values | | SRM 1941a | |
| SITE | | | | |
| LABSAMNO | SRM | | Q9573 | |
| SAMPLE TYPE | | | SRM | |
| UNIT | ng/g | | ng/g | |
| Analyte | Values | Range | Conc | DB QUAL |
| PCB # (CLORINATION) | | | | |
| 8 (CL2) | NC 1.4 | +/-.19 | 1.6 | J |
| 18 (CL3) | NC 1.2 | +/-.16 | 2.7 | |
| 28 (CL3) | NC 9.8 | +/-3.7 | 7.0 | |
| 44 (CL4) | 4.8 | +/-.62 | 4.0 | |
| 52 (CL4) | 6.9 | +/-.56 | 11.4 | |
| 66 (CL4) | 6.8 | +/-1.4 | 6.0 | |
| 101 (CL5) | 11.0 | +/-1.6 | 11.6 | |
| 105 (CL5) | 3.7 | +/-.27 | 1.5 | J |
| 110/77 (CL5/4) | 9.5 | +/-.85 | 18.1 | |
| 118/108/149(CL5/5/6) | 10.0 | +/-1.1 | 5.7 | |
| 128 (CL6) | 1.9 | +/-.32 | 0.0 | ND |
| 138 (CL6) | 13.4 | +/-.97 | 10.7 | |
| 126 (CL5) | | +/- | 2.6 | |
| 153 (CL6) | 17.6 | +/-1.9 | 10.9 | |
| 170 (CL7) | 3.0 | +/-.46 | 23.3 | |
| 180 (CL7) | 5.8 | +/-.58 | 7.2 | |
| 187/182/159(CL7/7/6) | NC 7.0 | +/-2.6 | 3.7 | |
| 195 (CL8) | | +/- | 1.3 | J |
| 206 (CL9) | 3.7 | +/-.87 | 1.4 | J |
| 209 (CL10) | 8.3 | +/-.49 | 4.6 | |
| Surrogate Recoveries | | | | |
| DBOFB% | | | 93.9 | |
| PCB#103% | | | 88.1 | |
| PCB#198% | | | 90.4 | |

# Trace Metal Results

# Trace Metal Data
# (Tissue)

# Mussel Watch Project Year 9 - Trace Metal (Tissue)

| SITE | LAB SAMP | REP NO. | OTHDG DATE | ADG DATE | HGDG DATE | WET WT. REC'D | AD WT. | HGDG WT. | NAAD WT. | MOIST (%) | UNIT TM | UNIT QUAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | K8009 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 57.63 | 0.1982 | 0.2113 | 0.3831 | 89.17 | ppm | Dry |
| LMPI | K8017 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 30.31 | 0.2054 | 0.2009 | 0.3985 | 87.43 | ppm | Dry |
| LMAC | K8013 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 46.05 | 0.2110 | 0.1988 | 0.4099 | 83.58 | ppm | Dry |
| CCNB | K8019 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 42.89 | 0.2036 | 0.2128 | 0.3988 | 82.79 | ppm | Dry |
| ABLR | K8033 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 225.77 | 0.2019 | 0.2147 | 0.3979 | 85.35 | ppm | Dry |
| MBAR | K8021 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 97.19 | 0.2177 | 0.1973 | 0.4132 | 86.82 | ppm | Dry |
| SAPP | K8027 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 93.48 | 0.2108 | 0.1931 | 0.3987 | 86.82 | ppm | Dry |
| ESSP | K8031 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 81.45 | 0.2191 | 0.2019 | 0.4058 | 82.25 | ppm | Dry |
| ESBD | K8029 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 68.06 | 0.2082 | 0.2138 | 0.4229 | 89.32 | ppm | Dry |
| MBGP | K8025 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 86.94 | 0.2182 | 0.1979 | 0.4182 | 84.33 | ppm | Dry |
| MBCB | K8023 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 181.88 | 0.2103 | 0.1994 | 0.4143 | 90.15 | ppm | Dry |
| BRCL | K8005 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 28.46 | 0.2155 | 0.1937 | 0.3804 | 86.93 | ppm | Dry |
| GBTD | K8001 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 245.33 | 0.2179 | 0.1925 | 0.4229 | 83.54 | ppm | Dry |
| GBOB | K8007 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 79.51 | 0.2183 | 0.2024 | 0.3835 | 80.53 | ppm | Dry |
| GBSC | K8003 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 6.32 | 0.1979 | 0.2052 | 0.3948 | 79.91 | ppm | Dry |
| SLBB | K8011 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 48.30 | 0.2075 | 0.2067 | 0.4155 | 85.76 | ppm | Dry |
| CLLC | K8015 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 39.04 | 0.2048 | 0.1993 | 0.3936 | 82.63 | ppm | Dry |
| VBSP | K8041 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 37.89 | 0.2169 | 0.2076 | 0.3625 | 83.16 | ppm | Dry |
| CLCL | K8035 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 56.72 | 0.2109 | 0.1942 | 0.4125 | 83.59 | ppm | Dry |
| TBLF | K8037 | 1 | 12/19/94 | 12/21/94 | 1/16/95 | 45.50 | 0.2165 | 0.1954 | 0.4050 | 82.26 | ppm | Dry |
| MRPL | K8043 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 77.43 | 0.2083 | 0.2034 | 0.3988 | 90.82 | ppm | Dry |
| BSSI | K8039 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 168.42 | 0.2092 | 0.1959 | 0.4282 | 89.92 | ppm | Dry |
| LBMP | K8045 | 1 | 12/20/94 | 1/12/95 | 1/16/95 | 91.20 | 0.2054 | 0.1961 | 0.3962 | 88.82 | ppm | Dry |
| LBNO | K8047 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 135.20 | 0.2162 | 0.1996 | 0.4169 | 88.80 | ppm | Dry |
| MSPC | K8053 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 66.12 | 0.2066 | 0.2057 | 0.4042 | 86.36 | ppm | Dry |
| MSPB | K8055 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 70.31 | 0.2027 | 0.1925 | 0.4070 | 88.14 | ppm | Dry |
| MBCP | K8049 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 120.30 | 0.2089 | 0.2144 | 0.4068 | 81.75 | ppm | Dry |
| MBHI | K8051 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 65.93 | 0.2105 | 0.1939 | 0.4063 | 84.70 | ppm | Dry |
| PBPH | K8059 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 43.75 | 0.1988 | 0.2050 | 0.4125 | 82.90 | ppm | Dry |
| PBIB | K8057 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 47.55 | 0.2090 | 0.1999 | 0.4149 | 89.86 | ppm | Dry |
| CBJB | K8067 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 25.56 | 0.2235 | 0.2088 | 0.3975 | 87.56 | ppm | Dry |
| CBBL | K8065 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 21.31 | 0.2074 | 0.1928 | 0.3924 | 90.47 | ppm | Dry |
| CBPP | K8061 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 29.46 | 0.2112 | 0.2089 | 0.3918 | 85.98 | ppm | Dry |

# Mussel Watch Project Year 9 - Trace Metal (Tissue)

| SITE | LAB SAMP | REP NO. | OTHDG DATE | ADG DATE | HGDG DATE | WET WT. REC'D | AD WT. | HGDG WT. | NAAD WT. | MOIST (%) | UNIT TM | UNIT QUAL. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CBBB | K8063 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 46.73 | 0.2111 | 0.2125 | 0.3741 | 87.85 | ppm | Dry |
| PCLO | K8069 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 29.12 | 0.2157 | 0.1957 | 0.3885 | 89.18 | ppm | Dry |
| AESP | K8071 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 34.44 | 0.2041 | 0.2096 | 0.4192 | 90.39 | ppm | Dry |
| CKBP | K8073 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 39.12 | 0.1937 | 0.2015 | 0.4056 | 87.27 | ppm | Dry |
| TBOT | K8081 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 51.86 | 1.0000 | 0.1983 | 0.4025 | 91.96 | ppm | Dry |
| TBPB | K8079 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 35.29 | 0.2184 | 0.2058 | 0.3897 | 84.70 | ppm | Dry |
| TBHB | K8085 | 1 | 12/20/94 | 1/12/95 | 1/16/95 | 111.60 | 0.2159 | 0.2066 | 0.4176 | 85.56 | ppm | Dry |
| TBMK | K8089 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 104.08 | 0.2075 | 0.2028 | 0.3902 | 87.32 | ppm | Dry |
| TBKA | K8075 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 86.84 | 0.2065 | 0.2068 | 0.4146 | 84.77 | ppm | Dry |
| TBNP | K8083 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 36.83 | 0.2107 | 0.2093 | 0.4156 | 83.52 | ppm | Dry |
| CBBI | K8087 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 61.55 | 0.1941 | 0.2015 | 0.4242 | 86.21 | ppm | Dry |
| RBHC | K8091 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 76.57 | 0.2089 | 0.2102 | 0.4185 | 89.07 | ppm | Dry |
| FBFO | K8095 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 79.48 | 0.2090 | 0.2092 | 0.4010 | 84.66 | ppm | Dry |
| FBFO | K8096 | 2 | 12/20/94 | 1/26/95 | 1/16/95 | 100.67 | 0.2026 | 0.2129 | 0.4189 | 87.13 | ppm | Dry |
| FBFO | K8097 | 3 | 12/20/94 | 1/5/95 | 1/16/95 | 121.44 | 0.2114 | 0.2047 | 0.4005 | 89.90 | ppm | Dry |
| FBJB | K8110 | 1 | 12/20/94 | 1/12/95 | 1/16/95 | 20.51 | 0.2096 | 0.2088 | 0.3932 | 91.27 | ppm | Dry |
| FBJB | K8111 | 2 | 12/20/94 | 1/12/95 | 1/16/95 | 23.83 | 0.1998 | 0.1983 | 0.4183 | 90.47 | ppm | Dry |
| FBJB | K8112 | 3 | 12/20/94 | 1/5/95 | 1/16/95 | 13.16 | 0.2035 | 0.2082 | 0.3971 | 90.50 | ppm | Dry |
| BHKF | K8077 | 1 | 12/20/94 | 12/21/94 | 1/16/95 | 60.30 | 0.2030 | 0.2029 | 0.4018 | 82.89 | ppm | Dry |
| PRBB | K8127 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 34.71 | 0.2064 | 0.2050 | 0.4135 | 87.93 | ppm | Dry |
| PRBM | K8125 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 22.59 | 0.2028 | 0.2048 | 0.3907 | 88.31 | ppm | Dry |
| PRBJ | K8123 | 1 | 12/20/94 | 1/5/95 | 1/16/95 | 26.14 | 0.2050 | 0.1927 | 0.3882 | 87.45 | ppm | Dry |

# Mussel Watch Project Year 9 - Trace Metal (Tissue)

| SITE | LAB SAMP | REP NO. | Ag | Al | As | Cd | Cr | Cu | Fe | Hg | Mn | Ni | Pb | Se | Sn | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | K8009 | 1 | 1.02 | 693 | 9.9 | 1.81 | 0.54 | 50.0 | 470 | 0.124 | 15.1 | 0.81 | 0.67 | 2.53 | 0.00 | 1023 |
| LMPI | K8017 | 1 | 1.28 | 648 | 12.1 | 1.48 | 0.88 | 141.6 | 632 | 0.059 | 23.8 | 0.96 | 0.96 | 3.24 | 0.30 | 4237 |
| LMAC | K8013 | 1 | 0.55 | 652 | 19.7 | 1.49 | 0.59 | 29.2 | 391 | 0.128 | 19.2 | 0.75 | 0.57 | 3.16 | 0.00 | 422 |
| CCNB | K8019 | 1 | 1.28 | 223 | 7.0 | 5.68 | 0.00 | 78.5 | 183 | 0.108 | 9.3 | 0.71 | 1.05 | 3.86 | 0.00 | 2997 |
| ABLR | K8033 | 1 | 1.71 | 903 | 4.9 | 4.25 | 0.00 | 82.4 | 246 | 0.067 | 13.4 | 1.90 | 0.70 | 2.82 | 0.00 | 931 |
| MBAR | K8021 | 1 | 3.58 | 450 | 4.5 | 5.81 | 0.00 | 137.8 | 271 | 0.073 | 11.1 | 1.97 | 0.73 | 3.46 | 0.00 | 1232 |
| SAPP | K8027 | 1 | 3.04 | 1197 | 4.2 | 6.35 | 0.85 | 114.1 | 463 | 0.058 | 21.8 | 2.51 | 0.83 | 2.97 | 0.00 | 804 |
| ESSP | K8031 | 1 | 2.91 | 251 | 7.3 | 3.58 | 0.50 | 81.0 | 222 | 0.059 | 12.3 | 1.59 | 0.51 | 3.82 | 0.00 | 711 |
| ESBD | K8029 | 1 | 1.32 | 151 | 9.3 | 3.13 | 0.79 | 79.9 | 214 | 0.138 | 9.1 | 2.26 | 0.42 | 2.29 | 0.00 | 930 |
| MBGP | K8025 | 1 | 3.16 | 1541 | 7.1 | 3.85 | 1.38 | 112.7 | 667 | 0.092 | 17.3 | 1.93 | 1.01 | 3.77 | 0.00 | 2028 |
| MBCB | K8023 | 1 | 5.84 | 352 | 6.9 | 5.23 | 2.15 | 184.0 | 378 | 0.132 | 11.5 | 2.31 | 0.50 | 3.41 | 0.00 | 2230 |
| BRCL | K8005 | 1 | 1.60 | 1401 | 6.3 | 2.65 | 2.56 | 94.1 | 1310 | 0.107 | 27.5 | 1.94 | 0.98 | 3.09 | 0.00 | 1733 |
| GBTD | K8001 | 1 | 1.29 | 114 | 6.7 | 3.06 | 0.00 | 84.7 | 155 | 0.041 | 8.7 | 1.72 | 0.38 | 2.78 | 0.34 | 1736 |
| GBOB | K8007 | 1 | 0.90 | 64 | 7.2 | 1.89 | 0.00 | 98.4 | 141 | 0.035 | 17.3 | 0.93 | 0.88 | 2.20 | 0.00 | 4679 |
| GBSC | K8003 | 1 | 1.75 | 627 | 6.3 | 4.29 | 2.36 | 130.6 | 512 | 0.054 | 69.6 | 1.95 | 1.40 | 5.39 | 0.89 | 3946 |
| SLBB | K8011 | 1 | 4.03 | 1131 | 10.3 | 5.48 | 2.52 | 201.6 | 1175 | 0.089 | 45.3 | 2.00 | 0.88 | 3.75 | 0.20 | 3713 |
| CLLC | K8015 | 1 | 1.46 | 538 | 6.8 | 2.66 | 1.25 | 90.4 | 411 | 0.104 | 21.1 | 1.90 | 0.80 | 3.81 | 0.32 | 2963 |
| VBSP | K8041 | 1 | 3.58 | 150 | 7.3 | 6.81 | 0.00 | 243.8 | 250 | 0.034 | 9.8 | 1.44 | 0.50 | 3.86 | 0.15 | 1858 |
| CLCL | K8035 | 1 | 1.10 | 855 | 7.5 | 4.43 | 1.61 | 116.2 | 470 | 0.053 | 16.6 | 1.95 | 0.69 | 2.02 | 0.16 | 1587 |
| TBLF | K8037 | 1 | 0.32 | 306 | 8.8 | 1.65 | 0.34 | 72.2 | 296 | 0.037 | 10.0 | 1.64 | 0.60 | 2.40 | 0.00 | 1213 |
| MRPL | K8043 | 1 | 7.68 | 609 | 5.5 | 17.72 | 1.08 | 398.1 | 542 | 0.098 | 36.5 | 3.00 | 0.68 | 4.92 | 0.29 | 6204 |
| BSSI | K8039 | 1 | 3.84 | 178 | 6.3 | 14.39 | 0.00 | 279.0 | 208 | 0.057 | 11.6 | 2.31 | 0.49 | 4.00 | 0.00 | 4170 |
| LBMP | K8045 | 1 | 1.87 | 129 | 4.9 | 9.30 | 1.16 | 189.0 | 199 | 0.130 | 15.5 | 2.38 | 0.46 | 3.61 | 0.00 | 3650 |
| LBNO | K8047 | 1 | 1.31 | 204 | 4.2 | 5.75 | 0.00 | 147.9 | 239 | 0.104 | 8.7 | 2.17 | 0.50 | 2.92 | 0.00 | 3390 |
| MSPC | K8053 | 1 | 4.22 | 236 | 8.4 | 9.09 | 0.00 | 131.6 | 344 | 0.135 | 24.9 | 1.40 | 0.87 | 3.54 | 0.00 | 5620 |
| MSPB | K8055 | 1 | 2.95 | 1089 | 19.4 | 3.01 | 2.99 | 176.3 | 774 | 0.149 | 28.4 | 1.59 | 1.06 | 3.39 | 0.22 | 4949 |
| MBCP | K8049 | 1 | 1.15 | 315 | 10.1 | 2.30 | 0.00 | 35.2 | 169 | 0.059 | 16.7 | 1.26 | 0.30 | 2.40 | 0.00 | 463 |
| MBHI | K8051 | 1 | 4.47 | 1317 | 7.1 | 5.90 | 1.61 | 263.5 | 644 | 0.074 | 33.4 | 2.61 | 0.84 | 2.08 | 0.00 | 6961 |
| PBPH | K8059 | 1 | 1.87 | 91 | 11.9 | 3.21 | 0.00 | 36.9 | 254 | 0.093 | 10.8 | 0.76 | 0.46 | 3.44 | 0.18 | 1668 |
| PBIB | K8057 | 1 | 3.41 | 1313 | 9.0 | 4.11 | 1.41 | 58.7 | 935 | 0.175 | 25.7 | 1.50 | 0.74 | 3.27 | 0.15 | 1322 |
| CBJB | K8067 | 1 | 0.61 | 705 | 16.0 | 2.17 | 0.95 | 226.5 | 1068 | 0.187 | 12.1 | 1.18 | 1.41 | 4.31 | 0.20 | 3375 |
| CBBL | K8065 | 1 | 3.73 | 451 | 11.7 | 1.97 | 0.71 | 207.5 | 545 | 0.165 | 14.3 | 1.15 | 1.79 | 5.63 | 0.26 | 2890 |
| CBPP | K8061 | 1 | 3.06 | 276 | 13.3 | 1.89 | 0.00 | 34.1 | 365 | 0.152 | 12.5 | 0.81 | 5.03 | 4.97 | 0.00 | 1755 |

# Mussel Watch Project Year 9 - Trace Metal (Tissue)

| SITE | LAB SAMP | REP NO. | Ag | Al | As | Cd | Cr | Cu | Fe | Hg | Mn | Ni | Pb | Se | Sn | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CBBB | K8063 | 1 | 16.65 | 933 | 11.1 | 2.82 | 1.14 | 145.0 | 596 | 0.206 | 14.0 | 1.24 | 4.27 | 5.55 | 0.24 | 3194 |
| PCLO | K8069 | 1 | 0.57 | 624 | 11.1 | 1.47 | 0.87 | 28.4 | 637 | 0.366 | 12.5 | 1.46 | 1.20 | 3.29 | 0.00 | 2587 |
| AESP | K8071 | 1 | 0.86 | 490 | 19.0 | 3.12 | 0.91 | 24.0 | 396 | 0.228 | 15.8 | 0.97 | 0.63 | 3.80 | 0.00 | 665 |
| CKBP | K8073 | 1 | 0.51 | 318 | 16.4 | 2.67 | 1.05 | 18.9 | 359 | 0.193 | 20.7 | 0.94 | 0.62 | 2.92 | 0.00 | 619 |
| TBOT | K8081 | 1 | 2.68 | 167 | 4.1 | 3.98 | 0.00 | 106.7 | 559 | 0.329 | 11.7 | 1.77 | 0.91 | 3.24 | 0.00 | 7590 |
| TBPB | K8079 | 1 | 1.70 | 180 | 7.7 | 2.14 | 0.67 | 71.3 | 269 | 0.282 | 0.0 | 1.15 | 1.26 | 2.65 | 0.00 | 2047 |
| TBHB | K8085 | 1 | 1.39 | 86 | 5.5 | 2.06 | 0.74 | 55.2 | 138 | 0.151 | 10.8 | 0.74 | 0.90 | 2.19 | 0.27 | 2324 |
| TBMK | K8089 | 1 | 0.47 | 138 | 12.4 | 1.58 | 0.00 | 14.7 | 141 | 0.163 | 5.2 | 0.85 | 0.41 | 1.54 | 0.00 | 306 |
| TBKA | K8075 | 1 | 3.54 | 81 | 8.5 | 1.36 | 0.55 | 76.6 | 177 | 0.127 | 11.6 | 0.84 | 1.33 | 2.75 | 0.33 | 4328 |
| TBNP | K8083 | 1 | 1.57 | 58 | 42.6 | 0.83 | 0.00 | 54.6 | 126 | 0.121 | 6.3 | 0.91 | 0.70 | 2.18 | 0.00 | 2545 |
| CBBI | K8087 | 1 | 2.73 | 188 | 12.1 | 2.15 | 0.62 | 110.1 | 222 | 0.184 | 6.9 | 0.81 | 0.42 | 2.25 | 0.00 | 2916 |
| RBHC | K8091 | 1 | 1.94 | 173 | 11.9 | 1.49 | 0.75 | 65.5 | 231 | 0.195 | 5.7 | 0.74 | 0.34 | 2.35 | 0.00 | 967 |
| FBFO | K8095 | 1 | 1.33 | 65 | 15.7 | 1.05 | 0.90 | 521.5 | 155 | 0.098 | 5.4 | 0.45 | 0.44 | 1.76 | 0.60 | 4394 |
| FBFO | K8096 | 2 | 0.85 | 53 | 14.7 | 0.00 | 0.00 | 0.0 | 127 | 0.206 | 4.1 | 0.60 | 0.34 | 1.47 | 0.00 | 638 |
| FBFO | K8097 | 3 | 1.27 | 59 | 13.4 | 2.47 | 0.00 | 77.5 | 148 | 0.252 | 4.7 | 0.59 | 0.26 | 1.39 | 0.00 | 1134 |
| FBJB | K8110 | 1 | 1.17 | 325 | 7.7 | 1.59 | 1.28 | 49.7 | 442 | 0.271 | 10.9 | 1.07 | 0.30 | 4.92 | 0.00 | 963 |
| FBJB | K8111 | 2 | 0.94 | 469 | 5.8 | 1.38 | 0.96 | 51.6 | 305 | 0.280 | 13.3 | 1.23 | 0.38 | 4.10 | 0.00 | 705 |
| FBJB | K8112 | 3 | 1.07 | 424 | 7.6 | 1.70 | 1.43 | 46.7 | 374 | 0.318 | 13.6 | 1.06 | 0.34 | 4.58 | 0.00 | 920 |
| BHKF | K8077 | 1 | 0.00 | 39 | 74.2 | 2.88 | 0.91 | 6.1 | 107 | 0.098 | 5.3 | 2.95 | 0.29 | 2.05 | 0.00 | 124 |
| PRBB | K8127 | 1 | 0.20 | 620 | 9.1 | 0.44 | 1.02 | 53.3 | 444 | 0.081 | 27.3 | 1.83 | 0.25 | 2.31 | 1.25 | 907 |
| PRBM | K8125 | 1 | 1.37 | 227 | 13.4 | 0.53 | 0.62 | 189.3 | 238 | 0.100 | 10.5 | 0.87 | 0.23 | 4.02 | 0.00 | 2334 |
| PRBJ | K8123 | 1 | 0.56 | 448 | 12.3 | 0.95 | 0.00 | 120.5 | 334 | 0.096 | 18.5 | 0.73 | 0.28 | 3.43 | 0.00 | 689 |

# Trace Metal QC Data
# (Tissue)

# Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

| SITE | LAB SAMP | ADG DATE | HGDG DATE | OTHDG DATE | SAMP TYPE | WET WT REC'D | ADWT | HGDWT | NAADWT | MOIST (%) | UNIT TM | UNIT QUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DLDRY | | | | DLDRY | | | | | | PPM | DRY |
| LMSB | 8009 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 57.63 | 0.1982 | 0.2113 | 0.3831 | 89.17 | PPM | DRY |
| LMPI | 8017 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 30.31 | 0.2054 | 0.2009 | 0.3985 | 87.43 | PPM | DRY |
| LMAC | 8013 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 46.05 | 0.2110 | 0.1988 | 0.4099 | 83.58 | PPM | DRY |
| CCNB | 8019 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 42.89 | 0.2036 | 0.2128 | 0.3988 | 82.79 | PPM | DRY |
| ABLR | 8033 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 225.77 | 0.2019 | 0.2147 | 0.3979 | 85.35 | PPM | DRY |
| MBAR | 8021 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 97.19 | 0.2177 | 0.1973 | 0.4132 | 86.82 | PPM | DRY |
| SAPP | 8027 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 93.48 | 0.2108 | 0.1931 | 0.3987 | 86.82 | PPM | DRY |
| SAPP | 8027DUP | 12/21/94 | 1/16/95 | 12/20/94 | LDUP | | 0.2136 | 0.2000 | 0.4202 | | PPM | DRY |
| ESSP | 8031 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 81.45 | 0.2191 | 0.2019 | 0.4058 | 82.25 | PPM | DRY |
| ESBD | 8029 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 68.06 | 0.2082 | 0.2138 | 0.4229 | 89.32 | PPM | DRY |
| MBGP | 8025 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 86.94 | 0.2182 | 0.1979 | 0.4182 | 84.33 | PPM | DRY |
| MBCB | 8023 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 181.88 | 0.2103 | 0.1994 | 0.4143 | 90.15 | PPM | DRY |
| BRCL | 8005 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 28.46 | 0.2155 | 0.1937 | 0.3804 | 86.93 | PPM | DRY |
| GBTD | 8001 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 245.33 | 0.2179 | 0.1925 | 0.4229 | 83.54 | PPM | DRY |
| GBTD | 8001DUP | 12/21/94 | 1/16/95 | 12/19/94 | LDUP | | 0.1992 | 0.1948 | 0.3859 | | PPM | DRY |
| GBOB | 8007 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 79.51 | 0.2183 | 0.2024 | 0.3835 | 80.53 | PPM | DRY |
| GBSC | 8003 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 6.32 | 0.1979 | 0.2052 | 0.3948 | 79.91 | PPM | DRY |
| SLBB | 8011 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 48.30 | 0.2075 | 0.2067 | 0.4155 | 85.76 | PPM | DRY |
| SLBB | 8011SPK | 12/21/94 | 1/16/95 | 12/19/94 | MS | | 0.2155 | 0.2140 | 0.4310 | | PPM | DRY |
| SLBB | SPIKE | | | | SPIKE | | | | | | PPM | DRY |
| CLLC | 8015 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 39.04 | 0.2048 | 0.1993 | 0.3936 | 82.63 | PPM | DRY |
| VBSP | 8041 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 37.89 | 0.2169 | 0.2076 | 0.3625 | 83.16 | PPM | DRY |
| CLCL | 8035 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 56.72 | 0.2109 | 0.1942 | 0.4125 | 83.59 | PPM | DRY |
| TBLF | 8037 | 12/21/94 | 1/16/95 | 12/19/94 | SAMP | 45.50 | 0.2165 | 0.1954 | 0.4050 | 82.26 | PPM | DRY |
| TBLF | 8037SPK | 12/21/94 | 1/16/95 | 12/19/94 | MS | | 0.2112 | 0.2093 | 0.4080 | | PPM | DRY |
| TBLF | SPIKE | | | | SPIKE | | | | | | PPM | DRY |
| MRPL | 8043 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 77.43 | 0.2083 | 0.2034 | 0.3988 | 90.82 | PPM | DRY |
| BSSI | 8039 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 168.42 | 0.2092 | 0.1959 | 0.4282 | 89.92 | PPM | DRY |
| LBMP | 8045 | 1/12/95 | 1/16/95 | 12/20/94 | SAMP | 91.20 | 0.2054 | 0.1961 | 0.3962 | 88.82 | PPM | DRY |
| LBNO | 8047 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 135.20 | 0.2162 | 0.1996 | 0.4169 | 88.80 | PPM | DRY |
| LBNO | 8047DUP | 12/21/94 | 1/16/95 | 12/20/94 | LDUP | | 0.2160 | 0.1999 | 0.4268 | | PPM | DRY |
| MSPC | 8053 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 66.12 | 0.2066 | 0.2057 | 0.4042 | 86.36 | PPM | DRY |
| MSPB | 8055 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 70.31 | 0.2027 | 0.1925 | 0.4070 | 88.14 | PPM | DRY |

# Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

| SITE | LAB SAMP | ADG DATE | HGDG DATE | OTHDG DATE | SAMP TYPE | WET WT REC'D | ADWT | HGDWT | NAADWT | MOIST (%) | UNIT TM | UNIT QUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MSPB | 8055SPK | 12/21/94 | 1/16/95 | 12/20/94 | MS | | 0.2017 | 0.1914 | 0.4357 | | PPM | DRY |
| MSPB | SPIKE | | | | SPIKE | | | | | | PPM | DRY |
| MBCP | 8049 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 120.30 | 0.2089 | 0.2144 | 0.4068 | 81.75 | PPM | DRY |
| MBHI | 8051 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 65.93 | 0.2105 | 0.1939 | 0.4063 | 84.70 | PPM | DRY |
| PBPH | 8059 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 43.75 | 0.1988 | 0.2050 | 0.4125 | 82.90 | PPM | DRY |
| PBIB | 8057 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 47.55 | 0.2090 | 0.1999 | 0.4149 | 89.86 | PPM | DRY |
| CBJB | 8067 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 25.56 | 0.2235 | 0.2088 | 0.3975 | 87.56 | PPM | DRY |
| CBBL | 8065 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 21.31 | 0.2074 | 0.1928 | 0.3924 | 90.47 | PPM | DRY |
| CBBL | 8065DUP | 12/21/94 | 1/16/95 | 12/20/94 | LDUP | | 0.1999 | 0.1981 | 0.3995 | | PPM | DRY |
| CBPP | 8061 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 29.46 | 0.2112 | 0.2089 | 0.3918 | 85.98 | PPM | DRY |
| CBBB | 8063 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 46.73 | 0.2111 | 0.2125 | 0.3741 | 87.85 | PPM | DRY |
| PCLO | 8069 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 29.12 | 0.2157 | 0.1957 | 0.3885 | 89.18 | PPM | DRY |
| AESP | 8071 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 34.44 | 0.2041 | 0.2096 | 0.4192 | 90.39 | PPM | DRY |
| BBPR | 8127 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 34.71 | 0.2064 | 0.2050 | 0.4135 | 87.93 | PPM | DRY |
| CKBP | 8073 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 39.12 | 0.1937 | 0.2015 | 0.4056 | 87.27 | PPM | DRY |
| TBOT | 8081 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 51.86 | 1.0000 | 0.1983 | 0.4025 | 91.96 | PPM | DRY |
| TBPB | 8079 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 35.29 | 0.2184 | 0.2058 | 0.3897 | 84.70 | PPM | DRY |
| TBPB | 8079SPK | 12/21/94 | 1/16/95 | 12/20/94 | MS | | 0.2075 | 0.2124 | 0.4214 | | PPM | DRY |
| TBPB | SPIKE | | | | SPIKE | | | | | | PPM | DRY |
| TBHB | 8085 | 1/12/95 | 1/16/95 | 12/20/94 | SAMP | 111.60 | 0.2159 | 0.2066 | 0.4176 | 85.56 | PPM | DRY |
| TBMK | 8089 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 104.08 | 0.2075 | 0.2028 | 0.3902 | 87.32 | PPM | DRY |
| TBKA | 8075 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 86.84 | 0.2065 | 0.2068 | 0.4146 | 84.77 | PPM | DRY |
| TBNP | 8083 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 36.83 | 0.2107 | 0.2093 | 0.4156 | 83.52 | PPM | DRY |
| CBBI | 8087 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 61.55 | 0.1941 | 0.2015 | 0.4242 | 86.21 | PPM | DRY |
| RBHC | 8091 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 76.57 | 0.2089 | 0.2102 | 0.4185 | 89.07 | PPM | DRY |
| FBFO 1 | 8095 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 79.48 | 0.2090 | 0.2092 | 0.4010 | 84.66 | PPM | DRY |
| FBFO 2 | 8096 | 1/26/95 | 1/16/95 | 12/20/94 | SAMP | 100.67 | 0.2026 | 0.2129 | 0.4189 | 87.13 | PPM | DRY |
| FBFO 3 | 8097 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 121.44 | 0.2114 | 0.2047 | 0.4005 | 89.90 | PPM | DRY |
| FBJB 1 | 8110 | 1/12/95 | 1/16/95 | 12/20/94 | SAMP | 20.51 | 0.2096 | 0.2088 | 0.3932 | 91.27 | PPM | DRY |
| FBLB 2 | 8111 | 1/12/95 | 1/16/95 | 12/20/94 | SAMP | 23.83 | 0.1998 | 0.1983 | 0.4183 | 90.47 | PPM | DRY |
| FBJB 3 | 8112 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 13.16 | 0.2035 | 0.2082 | 0.3971 | 90.50 | PPM | DRY |
| BHKF | 8077 | 12/21/94 | 1/16/95 | 12/20/94 | SAMP | 60.30 | 0.2030 | 0.2029 | 0.4018 | 82.89 | PPM | DRY |
| BJPR | 8123 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 26.14 | 0.2050 | 0.1927 | 0.3882 | 87.45 | PPM | DRY |
| BMPR | 8125 | 1/5/95 | 1/16/95 | 12/20/94 | SAMP | 22.59 | 0.2028 | 0.2048 | 0.3907 | 88.31 | PPM | DRY |

# Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

| SITE | LAB SAMP | Ag | Al | As | Cd | Cr | Cu | Fe | Hg | Mn | Ni | Pb | Se | Sn | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DLDRY | 0.10 | 121 | 0.41 | 0.003 | 0.50 | 0.16 | 493 | 0.012 | 3.8 | 0.15 | 0.11 | 0.60 | 0.14 | 2.3 |
| LMSB | 8009 | 1.02 | 693 | 9.9 | 1.81 | 0.54 | 50.0 | 470 | 0.124 | 15.1 | 0.81 | 0.67 | 2.53 | 0.00 | 1023 |
| LMPI | 8017 | 1.28 | 648 | 12.1 | 1.48 | 0.88 | 141.6 | 632 | 0.059 | 23.8 | 0.96 | 0.96 | 3.24 | 0.30 | 4237 |
| LMAC | 8013 | 0.55 | 652 | 19.7 | 1.49 | 0.59 | 29.2 | 391 | 0.128 | 19.2 | 0.75 | 0.57 | 3.16 | 0.00 | 422 |
| CCNB | 8019 | 1.28 | 223 | 7.0 | 5.68 | 0.00 | 78.5 | 183 | 0.108 | 9.3 | 0.71 | 1.05 | 3.86 | 0.00 | 2997 |
| ABLR | 8033 | 1.71 | 903 | 4.9 | 4.25 | 0.00 | 82.4 | 246 | 0.067 | 13.4 | 1.90 | 0.70 | 2.82 | 0.00 | 931 |
| MBAR | 8021 | 3.58 | 450 | 4.5 | 5.81 | 0.00 | 137.8 | 271 | 0.073 | 11.1 | 1.97 | 0.73 | 3.46 | 0.00 | 1232 |
| SAPP | 8027 | 3.04 | 1197 | 4.2 | 6.35 | 0.85 | 114.1 | 463 | 0.058 | 21.8 | 2.51 | 0.83 | 2.97 | 0.00 | 804 |
| SAPP | 8027DUP | 3.36 | 1289 | 5.1 | 6.33 | 1.25 | 114.9 | 609 | 0.064 | 25.2 | 2.51 | 0.83 | 3.54 | 0.00 | 845 |
| ESSP | 8031 | 2.91 | 251 | 7.3 | 3.58 | 0.50 | 81.0 | 222 | 0.059 | 12.3 | 1.59 | 0.51 | 3.82 | 0.00 | 711 |
| ESBD | 8029 | 1.32 | 151 | 9.3 | 3.13 | 0.79 | 79.9 | 214 | 0.138 | 9.1 | 2.26 | 0.42 | 2.29 | 0.00 | 930 |
| MBGP | 8025 | 3.16 | 1541 | 7.1 | 3.85 | 1.38 | 112.7 | 667 | 0.092 | 17.3 | 1.93 | 1.01 | 3.77 | 0.00 | 2028 |
| MBCB | 8023 | 5.84 | 352 | 6.9 | 5.23 | 2.15 | 184.0 | 378 | 0.132 | 11.5 | 2.31 | 0.50 | 3.41 | 0.00 | 2230 |
| BRCL | 8005 | 1.60 | 1401 | 6.3 | 2.65 | 2.56 | 94.1 | 1310 | 0.107 | 27.5 | 1.94 | 0.98 | 3.09 | 0.00 | 1733 |
| GBTD | 8001 | 1.29 | 114 | 6.7 | 3.06 | 0.00 | 84.7 | 155 | 0.041 | 8.7 | 1.72 | 0.38 | 2.78 | 0.34 | 1736 |
| GBTD | 8001DUP | 1.37 | 99 | 7.1 | 2.89 | 0.00 | 83.1 | 154 | 0.037 | 8.1 | 1.94 | 0.41 | 2.72 | 0.31 | 1720 |
| GBOB | 8007 | 0.90 | 64 | 7.2 | 1.89 | 0.00 | 98.4 | 141 | 0.035 | 17.3 | 0.93 | 0.88 | 2.20 | 0.00 | 4679 |
| GBSC | 8003 | 1.75 | 627 | 6.3 | 4.29 | 2.36 | 130.6 | 512 | 0.054 | 69.6 | 1.95 | 1.40 | 5.39 | 0.89 | 3946 |
| SLBB | 8011 | 4.03 | 1131 | 10.3 | 5.48 | 2.52 | 201.6 | 1175 | 0.089 | 45.3 | 2.00 | 0.88 | 3.75 | 0.20 | 3713 |
| SLBB | 8011SPK | 13.87 | 1206 | 18.5 | 7.88 | 11.16 | 223.6 | 2184 | 0.558 | 86.8 | 18.39 | 5.00 | 17.0 | 3.84 | 3914 |
| SLBB | SPIKE | 11.60 | 93 | 9.3 | 2.32 | 9.28 | 18.6 | 1160 | 0.467 | 46.4 | 18.6 | 4.6 | 15.5 | 4.6 | 185.6 |
| CLLC | 8015 | 1.46 | 538 | 6.8 | 2.66 | 1.25 | 90.4 | 411 | 0.104 | 21.1 | 1.90 | 0.80 | 3.81 | 0.32 | 2963 |
| VBSP | 8041 | 3.58 | 150 | 7.3 | 6.81 | 0.00 | 243.8 | 250 | 0.034 | 9.8 | 1.44 | 0.50 | 3.86 | 0.15 | 1858 |
| CLCL | 8035 | 1.10 | 855 | 7.5 | 4.43 | 1.61 | 116.2 | 470 | 0.053 | 16.6 | 1.95 | 0.69 | 2.02 | 0.16 | 1587 |
| TBLF | 8037 | 0.32 | 306 | 8.8 | 1.65 | 0.34 | 72.2 | 296 | 0.037 | 10.0 | 1.64 | 0.60 | 2.4 | 0.00 | 1213 |
| TBLF | 8037SPK | 13.41 | 383 | 19.0 | 3.81 | 7.65 | 88.7 | 1283 | 0.456 | 49.5 | 18.06 | 4.69 | 16.7 | 4.14 | 1567 |
| TBLF | SPIKE | 12.25 | 95 | 9.8 | 2.37 | 9.80 | 18.9 | 1225 | 0.478 | 47.3 | 18.9 | 4.7 | 16.3 | 4.7 | 473.5 |
| MRPL | 8043 | 7.68 | 609 | 5.5 | 17.72 | 1.08 | 398.1 | 542 | 0.098 | 36.5 | 3.00 | 0.68 | 4.92 | 0.29 | 6204 |
| BSSI | 8039 | 3.84 | 178 | 6.3 | 14.39 | 0.00 | 279.0 | 208 | 0.057 | 11.6 | 2.31 | 0.49 | 4.0 | 0.00 | 4170 |
| LBMP | 8045 | 1.87 | 129 | 4.9 | 9.30 | 1.16 | 189.0 | 199 | 0.130 | 15.5 | 2.38 | 0.46 | 3.61 | 0.00 | 3650 |
| LBNO | 8047 | 1.31 | 204 | 4.2 | 5.75 | 0.00 | 147.9 | 239 | 0.104 | 8.7 | 2.17 | 0.50 | 2.92 | 0.00 | 3390 |
| LBNO | 8047DUP | 1.27 | 222 | 4.8 | 5.53 | 0.00 | 150.7 | 277 | 0.088 | 8.7 | 2.09 | 0.47 | 3.15 | 0.00 | 3496 |
| MSPC | 8053 | 4.22 | 236 | 8.4 | 9.09 | 0.00 | 131.6 | 344 | 0.135 | 24.9 | 1.40 | 0.87 | 3.54 | 0.00 | 5620 |
| MSPB | 8055 | 2.95 | 1089 | 19.4 | 3.01 | 2.99 | 176.3 | 774 | 0.149 | 28.4 | 1.59 | 1.06 | 3.39 | 0.22 | 4949 |

# Mussel Watch Project Year 9 - Trace Metal QC Data (Tissue)

| SITE | LAB SAMP | Ag | Al | As | Cd | Cr | Cu | Fe | Hg | Mn | Ni | Pb | Se | Sn | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MSPB | 8055SPK | 16.70 | 1183 | 29.5 | 5.27 | 13.24 | 198.0 | 2291 | 0.723 | 89.4 | 19.43 | 5.32 | 22.3 | 3.49 | 5315 |
| MSPB | SPIKE | 11.48 | 99 | 9.2 | 2.48 | 9.18 | 19.8 | 1148 | 0.522 | 49.6 | 19.8 | 5.0 | 15.3 | 5.0 | 495.8 |
| MBCP | 8049 | 1.15 | 315 | 10.1 | 2.30 | 0.00 | 35.2 | 169 | 0.059 | 16.7 | 1.26 | 0.30 | 2.40 | 0.00 | 463 |
| MBHI | 8051 | 4.47 | 1317 | 7.1 | 5.90 | 1.61 | 263.5 | 644 | 0.074 | 33.4 | 2.61 | 0.84 | 2.08 | 0.00 | 6961 |
| PBPH | 8059 | 1.87 | 91 | 11.9 | 3.21 | 0.00 | 36.9 | 254 | 0.093 | 10.8 | 0.76 | 0.46 | 3.44 | 0.18 | 1668 |
| PBIB | 8057 | 3.41 | 1313 | 9.0 | 4.11 | 1.41 | 58.7 | 935 | 0.175 | 25.7 | 1.50 | 0.74 | 3.27 | 0.15 | 1322 |
| CBJB | 8067 | 0.61 | 705 | 16.0 | 2.17 | 0.95 | 226.5 | 1068 | 0.187 | 12.1 | 1.18 | 1.41 | 4.31 | 0.20 | 3375 |
| CBBL | 8065 | 3.73 | 451 | 11.7 | 1.97 | 0.71 | 207.5 | 545 | 0.165 | 14.3 | 1.15 | 1.79 | 5.63 | 0.26 | 2890 |
| CBBL | 8065DUP | 3.84 | 445 | 14.3 | 2.03 | 0.64 | 212.7 | 570 | 0.181 | 12.2 | 1.28 | 2.04 | 5.48 | 0.29 | 2955 |
| CBPP | 8061 | 3.06 | 276 | 13.3 | 1.89 | 0.00 | 34.1 | 365 | 0.152 | 12.5 | 0.81 | 5.03 | 4.97 | 0.00 | 1755 |
| CBBB | 8063 | 16.65 | 933 | 11.1 | 2.82 | 1.14 | 145.0 | 596 | 0.206 | 14.0 | 1.24 | 4.27 | 5.55 | 0.24 | 3194 |
| PCLO | 8069 | 0.57 | 624 | 11.1 | 1.47 | 0.87 | 28.4 | 637 | 0.366 | 12.5 | 1.46 | 1.20 | 3.29 | 0.00 | 2587 |
| AESP | 8071 | 0.86 | 490 | 19.0 | 3.12 | 0.91 | 24.0 | 396 | 0.228 | 15.8 | 0.97 | 0.63 | 3.80 | 0.00 | 665 |
| BBPR | 8127 | 0.20 | 620 | 9.1 | 0.44 | 1.02 | 53.3 | 444 | 0.081 | 27.3 | 1.83 | 0.25 | 2.306 | 1.25 | 907 |
| CKBP | 8073 | 0.51 | 318 | 16.4 | 2.67 | 1.05 | 18.9 | 359 | 0.193 | 20.7 | 0.94 | 0.62 | 2.92 | 0.00 | 619 |
| TBOT | 8081 | 2.68 | 167 | 4.1 | 3.98 | 0.00 | 106.7 | 559 | 0.329 | 11.7 | 1.77 | 0.91 | 3.24 | 0.00 | 7590 |
| TBPB | 8079 | 1.70 | 180 | 7.7 | 2.14 | 0.67 | 71.3 | 269 | 0.282 | 0.0 | 1.15 | 1.26 | 2.65 | 0.00 | 2047 |
| TBPB | 8079SPK | 15.29 | 280 | 20.2 | 4.74 | 10.41 | 90.5 | 1558 | 0.779 | 49.3 | 19.75 | 5.64 | 19.1 | 4.34 | 2480 |
| TBPB | SPIKE | 11.87 | 96 | 10.7 | 2.41 | 9.49 | 19.3 | 1187 | 0.471 | 48.2 | 19.3 | 4.8 | 15.8 | 4.8 | 481.9 |
| TBHB | 8085 | 1.39 | 86 | 5.5 | 2.06 | 0.74 | 55.2 | 138 | 0.151 | 10.8 | 0.74 | 0.90 | 2.19 | 0.27 | 2324 |
| TBMK | 8089 | 0.47 | 138 | 12.4 | 1.58 | 0.00 | 14.7 | 141 | 0.163 | 5.2 | 0.85 | 0.41 | 1.543 | 0.00 | 306 |
| TBKA | 8075 | 3.54 | 81 | 8.5 | 1.36 | 0.55 | 76.6 | 177 | 0.127 | 11.6 | 0.84 | 1.33 | 2.75 | 0.33 | 4328 |
| TBNP | 8083 | 1.57 | 58 | 42.6 | 0.83 | 0.00 | 54.6 | 126 | 0.121 | 6.3 | 0.91 | 0.70 | 2.18 | 0.00 | 2545 |
| CBBI | 8087 | 2.73 | 188 | 12.1 | 2.15 | 0.62 | 110.1 | 222 | 0.184 | 6.9 | 0.81 | 0.42 | 2.25 | 0.00 | 2916 |
| RBHC | 8091 | 1.94 | 173 | 11.9 | 1.49 | 0.75 | 65.5 | 231 | 0.195 | 5.7 | 0.74 | 0.34 | 2.351 | 0.00 | 967 |
| FBFO 1 | 8095 | 1.33 | 65 | 15.7 | 1.05 | 0.90 | 521.5 | 155 | 0.098 | 5.4 | 0.45 | 0.44 | 1.758 | 0.60 | 4394 |
| FBFO 2 | 8096 | 0.85 | 53 | 14.7 | 0.00 | 0.00 | 0.0 | 127 | 0.206 | 4.1 | 0.60 | 0.34 | 1.467 | 0.00 | 638 |
| FBFO 3 | 8097 | 1.27 | 59 | 13.4 | 2.47 | 0.00 | 77.5 | 148 | 0.252 | 4.7 | 0.59 | 0.26 | 1.394 | 0.00 | 1134 |
| FBJB 1 | 8110 | 1.17 | 325 | 7.7 | 1.59 | 1.28 | 49.7 | 442 | 0.271 | 10.9 | 1.07 | 0.30 | 4.921 | 0.00 | 963 |
| FBLB 2 | 8111 | 0.94 | 469 | 5.8 | 1.38 | 0.96 | 51.6 | 305 | 0.280 | 13.3 | 1.23 | 0.38 | 4.102 | 0.00 | 705 |
| FBJB 3 | 8112 | 1.07 | 424 | 7.6 | 1.70 | 1.43 | 46.7 | 374 | 0.318 | 13.6 | 1.06 | 0.34 | 4.579 | 0.00 | 920 |
| BHKF | 8077 | 0.00 | 39 | 74.2 | 2.88 | 0.91 | 6.1 | 107 | 0.098 | 5.3 | 2.95 | 0.29 | 2.05 | 0.00 | 124 |
| BJPR | 8123 | 0.56 | 448 | 12.3 | 0.95 | 0.00 | 120.5 | 334 | 0.096 | 18.5 | 0.73 | 0.28 | 3.428 | 0.00 | 689 |
| BMPR | 8125 | 1.37 | 227 | 13.4 | 0.53 | 0.62 | 189.3 | 238 | 0.100 | 10.5 | 0.87 | 0.23 | 4.019 | 0.00 | 2334 |

# Trace Metal Data
# (Sediment)

# Mussel Watch Project Year 9 - Trace Metal Data (Sediment)

| Site | Lab Samp | Rep. No. | ADG Date | HGDG Date | OTHDG Date | Wet Wt. Rec'd | AD Wt. | HGD Wt. | OTHDG Wt. | Moist. (%) | Unit (tm) | Unit Qual. | Al | Ag | As | Cd | Cr | Cu | Fe | Mn | Ni | Pb | Sb | Se | Sn | Zn | Hg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FBFO | K8098 | 1 | 10/26/94 | 10/26/94 | 11/7/94 | 19.94 | 0.208 | 0.207 | 0.5128 | 57.92 | ppm | dry | 16600 | 0.033 | 9.33 | 0.257 | 51.2 | 44.20 | 9260 | 68 | 9.1 | 8.71 | 0.15 | 0.56 | 0.19 | 42.10 | 0.042 |
| FBFO | K8099 | 2 | 10/26/94 | 10/26/94 | 11/7/94 | 24.88 | 0.21 | 0.195 | 0.5201 | 58.16 | ppm | dry | 11700 | 0.000 | 4.84 | 0.061 | 33.5 | 2.14 | 12200 | 109 | 9.3 | 4.07 | <0.1 | 0.43 | 0.00 | 8.73 | 0.032 |
| FBFO | K8100 | 3 | 10/26/94 | 10/26/94 | 11/7/94 | 20.39 | 0.209 | 0.204 | 0.5183 | 60.57 | ppm | dry | 17100 | 0.029 | 11.30 | 0.156 | 52.8 | 3.70 | 9580 | 66 | 8.7 | 6.46 | 0.19 | 0.49 | 0.12 | 15.20 | 0.030 |
| FBJB | K8113 | 1 | 10/26/94 | 10/26/94 | 11/7/94 | 26.00 | 0.214 | 0.199 | 0.4996 | 59.42 | ppm | dry | 12300 | 0.000 | 4.54 | 0.062 | 33.4 | 1.75 | 12400 | 116 | 7.3 | 5.12 | 0.16 | 0.33 | 0.00 | 8.37 | 0.050 |
| FBJB | K8114 | 2 | 10/26/94 | 10/26/94 | 11/7/94 | 24.93 | 0.203 | 0.193 | 0.4993 | 57.80 | ppm | dry | 18200 | 0.000 | 11.70 | 0.131 | 40.9 | 3.94 | 10100 | 71 | 8.6 | 6.04 | 0.23 | 0.52 | 0.14 | 14.70 | 0.019 |
| FBJB | K8115 | 3 | 10/26/94 | 10/26/94 | 11/7/94 | 25.86 | 0.202 | 0.199 | 0.5177 | 54.02 | ppm | dry | 11700 | 0.000 | 4.64 | 0.035 | 29.1 | 1.49 | 11400 | 109 | 6.6 | 3.06 | 0.10 | 0.46 | 0.21 | 9.25 | 0.037 |

# Trace Metal QC Data
# (Sediment)

# Mussel Watch Project Year 9 - Trace Metal QC Data (Sediment)

| Site | Lab Samp | Samp ID | ADG Date | HGDG Date | OTHDG Date | Samp Type | Wet Wt. Rec'd | Ad Wt. | HGD Wt. | OTHD Wt. | Moist. (%) | Unit (tm) | Unit Qual. | Al | Ag | As | Cd | Cr | Cu |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DLDRY | | | | | DLDRY | | | | | | ppm | dry | 200 | 0.013 | 0.25 | 0.018 | 0.1 | 0.44 |
| FBFO | 8098 | K8098 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 19.94 | 0.208 | 0.2066 | 0.5128 | 57.92 | ppm | dry | 16600 | 0.033 | 9.33 | 0.257 | 51.2 | 44.20 |
| FBFO | 8098-DUP | K8098 | 10/26/94 | 10/26/94 | 11/7/94 | LDUP | | 0.2033 | 0.2078 | 0.5056 | | ppm | dry | 16900 | 0.045 | 10.60 | 0.322 | 51.4 | 30.30 |
| FBFO | 8099 | K8099 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 24.88 | 0.2102 | 0.1954 | 0.5201 | 58.16 | ppm | dry | 11700 | 0.000 | 4.84 | 0.061 | 33.5 | 2.14 |
| FBFO | SPIKE | K8099 | 10/26/94 | 10/26/94 | 11/7/94 | SPKLEV | | | | | | ppm | dry | * | 0.997 | 20.40 | 4.990 | 102.0 | 49.90 |
| FBFO | 8099-SPK | K8099 | 10/26/94 | 10/26/94 | 11/7/94 | MS | | 0.2006 | 0.1959 | 0.4892 | | ppm | dry | 11300 | 1.030 | 26.40 | 5.080 | 137.0 | 50.80 |
| FBFO | 8100 | K8100 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 20.39 | 0.2085 | 0.2039 | 0.5183 | 60.57 | ppm | dry | 17100 | 0.029 | 11.30 | 0.156 | 52.8 | 3.70 |
| FBJB | 8113 | K8113 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 26.00 | 0.2135 | 0.1989 | 0.4996 | 59.42 | ppm | dry | 12300 | 0.000 | 4.54 | 0.062 | 33.4 | 1.75 |
| FBJB | 8113-DUP | K8113 | 10/26/94 | 10/26/94 | 11/7/94 | LDUP | | 0.2111 | 0.2023 | 0.4997 | | ppm | dry | 12500 | 0.000 | 5.26 | 0.073 | 32.2 | 1.69 |
| FBJB | 8114 | K8114 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 24.93 | 0.2033 | 0.1927 | 0.4993 | 57.80 | ppm | dry | 18200 | 0.000 | 11.70 | 0.131 | 40.9 | 3.94 |
| FBJB | SPIKE | K8114 | 10/26/94 | 10/26/94 | 11/7/94 | SPKLEV | | | | | | ppm | dry | * | 0.973 | 19.50 | 4.870 | 100.0 | 48.70 |
| FBJB | 8114-SPK | K8114 | 10/26/94 | 10/26/94 | 11/7/94 | MS | | 0.2055 | 0.1956 | 0.5124 | | ppm | dry | 18500 | 1.030 | 31.40 | 4.950 | 152.0 | 47.70 |
| FBJB | 8115 | K8115 | 10/26/94 | 10/26/94 | 11/7/94 | SAMP | 25.86 | 0.2023 | 0.1989 | 0.5177 | 54.02 | ppm | dry | 11700 | 0.000 | 4.64 | 0.035 | 29.1 | 1.49 |

# Mussel Watch Project Year 9 - Trace Metal QC Data (Sediment)

| Site | Lab Samp | Samp ID | Fe | Mn | Ni | Pb | Sb | Se | Sn | Zn | Hg | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DLDRY | | 100.0 | 3.5 | 0.4 | 0.15 | 0.10 | 0.10 | 0.10 | 1.50 | 0.01 | |
| FBFO | 8098 | K8098 | 9260 | 68 | 9.1 | 8.71 | 0.15 | 0.56 | 0.19 | 42.10 | 0.042 | |
| FBFO | 8098-DUP | K8098 | 9320 | 68 | 10.2 | 8.16 | 0.19 | 0.46 | 0.21 | 44.00 | 0.048 | |
| FBFO | 8099 | K8099 | 12200 | 109 | 9.3 | 4.07 | <0.1 | 0.43 | 0.00 | 8.73 | 0.032 | |
| FBFO | SPIKE | K8099 | * | 499 | 199.0 | 12.50 | 4.09 | 49.90 | 4.24 | 249.00 | 0.510 | Not spiked Al, Fe |
| FBFO | 8099-SPK | K8099 | 12100 | 587 | 202.0 | 15.80 | 3.96 | 42.70 | 3.24 | 290.00 | 0.497 | |
| FBFO | 8100 | K8100 | 9580 | 66 | 8.7 | 6.46 | 0.19 | 0.49 | 0.12 | 15.20 | 0.030 | |
| FBJB | 8113 | K8113 | 12400 | 116 | 7.3 | 5.12 | 0.16 | 0.33 | 0.00 | 8.37 | 0.050 | |
| FBJB | 8113-DUP | K8113 | 12200 | 112 | 7.3 | 4.88 | 0.00 | 0.44 | 0.00 | 8.42 | 0.049 | |
| FBJB | 8114 | K8114 | 10100 | 71 | 8.6 | 6.04 | 0.23 | 0.52 | 0.14 | 14.70 | 0.019 | |
| FBJB | SPIKE | K8114 | * | 487 | 195.0 | 12.20 | 3.90 | 48.70 | 4.14 | 243.00 | 0.511 | Not spiked Al, Fe |
| FBJB | 8114-SPK | K8114 | 9990 | 596 | 203.0 | 17.50 | 4.13 | 42.70 | 3.45 | 287.00 | 0.497 | |
| FBJB | 8115 | K8115 | 11400 | 109 | 6.6 | 3.06 | 0.10 | 0.46 | 0.21 | 9.25 | 0.037 | |

# Butyltin Results

# Butyltin Data
# (Tissue)

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Dry Weight (g) | Wet Weight (g) | Concentration Basis | % solid | % Moisture | % Lipid | Organism | Page Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | K8008 | K8008 | TISSUE | SAMP | 1.04 | 10.08 | Dry | 10.32 | 89.68 | 4.11 | Mussel | TBT 199 |
| LMPI | K8016 | K8016 | TISSUE | SAMP | 1.32 | 10.01 | Dry | 13.19 | 86.81 | 3.28 | Mussel | TBT 199 |
| LMAC | K8012 | K8012 | TISSUE | SAMP | 1.69 | 10.12 | Dry | 16.70 | 83.30 | 10.92 | Mussel | TBT 199 |
| CCNB | K8018 | K8018 | TISSUE | SAMP | 2.21 | 10.05 | Dry | 21.98 | 78.02 | 2.04 | Mussel | TBT 199 |
| ABLR | K8032 | K8032 | TISSUE | SAMP | 1.67 | 10.16 | Dry | 16.43 | 83.57 | 18.74 | Mussel | TBT 199 |
| MBAR | K8020 | K8020 | TISSUE | SAMP | 1.41 | 10.30 | Dry | 13.69 | 86.31 | 10.87 | Mussel | TBT 199 |
| SAPP | K8026 | K8026 | TISSUE | SAMP | 1.81 | 10.03 | Dry | 18.04 | 81.96 | 15.31 | Mussel | TBT 199 |
| ESSP | K8030 | K8030 | TISSUE | SAMP | 1.90 | 10.04 | Dry | 18.93 | 81.07 | 14.93 | Mussel | TBT 199 |
| ESBD | K8028 | K8028 | TISSUE | SAMP | 1.27 | 10.12 | Dry | 12.55 | 87.45 | 6.24 | Mussel | TBT 199 |
| MBGP | K8024 | K8024 | TISSUE | SAMP | 1.65 | 10.06 | Dry | 16.40 | 83.60 | 14.69 | Mussel | TBT 199 |
| MBCB | K8022 | K8022 | TISSUE | SAMP | 1.32 | 10.18 | Dry | 12.97 | 87.03 | 11.50 | Mussel | TBT 199 |
| BRCL | K8004 | K8004 | TISSUE | SAMP | 1.39 | 10.05 | Dry | 13.83 | 86.17 | 4.41 | Mussel | TBT 199 |
| GBTD | K8000 | K8000 | TISSUE | SAMP | 2.00 | 10.07 | Dry | 19.86 | 80.14 | 13.00 | Mussel | TBT 199 |
| GBOB | K8006 | K8006 | TISSUE | SAMP | 2.02 | 10.16 | Dry | 19.88 | 80.12 | 12.13 | Mussel | TBT 199 |
| GBSC | K8002 | K8002 | TISSUE | SAMP | 0.36 | 2.02 | Dry | 17.78 | 82.22 | 9.44 | Mussel | TBT 199 |
| SLBB | K8010 | K8010 | TISSUE | SAMP | 1.54 | 10.08 | Dry | 15.28 | 84.72 | 9.66 | Mussel | TBT 199 |
| CLLC | K8014 | K8014 | TISSUE | SAMP | 2.09 | 10.16 | Dry | 20.58 | 79.52 | 12.43 | Mussel | TBT 199 |
| VBSP | K8040 | K8040F | TISSUE | SAMP | 0.97 | 10.18 | Dry | 9.53 | 90.47 | 15.05 | Mussel | TBT 201 |
| CLCL | K8034 | K8034F | TISSUE | SAMP | 1.33 | 10.06 | Dry | 13.22 | 86.78 | 15.01 | Mussel | TBT 201 |
| TBLF | K8036 | K8036F | TISSUE | SAMP | 1.83 | 10.07 | Dry | 18.18 | 81.82 | 13.19 | Mussel | TBT 201 |
| MRPL | K8042 | K8042F | TISSUE | SAMP | 0.46 | 10.15 | Dry | 4.53 | 95.47 | 11.53 | Mussel | TBT 201 |
| BSSI | K8038 | K8038F | TISSUE | SAMP | 1.12 | 15.09 | Dry | 7.43 | 92.57 | 17.40 | Mussel | TBT 288 |
| LBMP | K8044 | K8044F | TISSUE | SAMP | 1.31 | 15.12 | Dry | 8.63 | 91.37 | 15.57 | Mussel | TBT 288 |
| LBNO | K8046 | K8046F | TISSUE | SAMP | 1.40 | 15.27 | Dry | 9.19 | 90.81 | 17.06 | Mussel | TBT 288 |
| MSPC | K8052 | K8052F | TISSUE | SAMP | 1.29 | 10.03 | Dry | 12.86 | 87.14 | 12.58 | Mussel | TBT 201 |
| MSPB | K8054 | K054RF | TISSUE | SAMP | 1.24 | 15.05 | Dry | 8.25 | 91.75 | 11.65 | Mussel | TBT 299 |
| MBCP | K8048 | K8048F | TISSUE | SAMP | 2.52 | 15.37 | Dry | 16.40 | 83.60 | 20.34 | Mussel | TBT 288 |
| MBHI | K8050 | K8050F | TISSUE | SAMP | 1.28 | 10.19 | Dry | 12.56 | 87.44 | 14.78 | Mussel | TBT 201 |
| PBPH | K8058 | K8058F | TISSUE | SAMP | 2.13 | 15.11 | Dry | 14.07 | 85.93 | 19.29 | Mussel | TBT 288 |
| PBIB | K8056 | K056RF | TISSUE | SAMP | 1.00 | 14.99 | Dry | 6.67 | 93.33 | 12.90 | Mussel | TBT 299 |
| CBJB | K8066 | K066RF | TISSUE | SAMP | 1.28 | 15.26 | Dry | 8.39 | 91.61 | 9.42 | Mussel | TBT 299 |
| CBBL | K8064 | K064RF | TISSUE | SAMP | 1.41 | 14.98 | Dry | 9.41 | 90.59 | 5.87 | Mussel | TBT 299 |
| CBPP | K8060 | K8060F | TISSUE | SAMP | 1.73 | 15.14 | Dry | 11.39 | 88.61 | 12.23 | Mussel | TBT 288 |
| CBBB | K8062 | K8062F | TISSUE | SAMP | 1.11 | 10.05 | Dry | 11.05 | 88.95 | 14.70 | Mussel | TBT 201 |

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Dry Weight (g) | Wet Weight (g) | Concentration Basis | % solid | % Moisture | % Lipid | Organism | Page Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PCLO | K8068 | K8068F | TISSUE | SAMP | 0.71 | 10.00 | Dry | 7.10 | 92.90 | 32.15 | Mussel | TBT 201 |
| AESP | K8070 | K8070F | TISSUE | SAMP | 1.06 | 15.08 | Dry | 7.05 | 92.95 | 12.17 | Mussel | TBT 288 |
| CKBP | K8072 | K8072F | TISSUE | SAMP | 1.19 | 15.17 | Dry | 7.85 | 92.15 | 9.04 | Mussel | TBT 288 |
| TBOT | K8080 | K8080F | TISSUE | SAMP | 1.18 | 15.07 | Dry | 7.83 | 92.17 | 3.77 | Mussel | TBT 288 |
| TBPB | K8078 | K8078F | TISSUE | SAMP | 1.98 | 15.03 | Dry | 13.17 | 86.83 | 7.75 | Mussel | TBT 288 |
| TBHB | K8084 | K084RF | TISSUE | SAMP | 2.43 | 15.12 | Dry | 16.07 | 83.93 | 8.20 | Mussel | TBT 299 |
| TBMK | K8088 | K088RF | TISSUE | SAMP | 2.57 | 15.06 | Dry | 17.06 | 82.94 | 8.99 | Mussel | TBT 299 |
| TBKA | K8074 | K8074F | TISSUE | SAMP | 1.90 | 15.19 | Dry | 12.52 | 87.48 | 14.91 | Mussel | TBT 288 |
| TBNP | K8082 | K8082F | TISSUE | SAMP | 2.42 | 15.01 | Dry | 16.12 | 83.88 | 6.85 | Mussel | TBT 288 |
| CBBI | K8086 | K086RF | TISSUE | SAMP | 1.94 | 15.09 | Dry | 12.86 | 87.14 | 5.92 | Mussel | TBT 299 |
| RBHC | K8090 | K090RF | TISSUE | SAMP | 1.26 | 10.55 | Dry | 11.94 | 88.06 | 4.33 | Mussel | TBT 299 |
| FBFO | K8092 | K92FR | TISSUE | SAMP | 2.37 | 15.11 | Dry | 15.69 | 84.31 | 9.25 | Mussel | TBT 299 |
| FBFO | K8093 | K93FR | TISSUE | SAMP | 1.58 | 15.24 | Dry | 10.37 | 89.63 | 10.88 | Mussel | TBT 299 |
| FBFO | K8094 | K94FR | TISSUE | SAMP | 1.70 | 14.98 | Dry | 11.35 | 88.65 | 7.40 | Mussel | TBT 299 |
| FBJB | K8110 | K110RF | TISSUE | SAMP | 0.40 | 3.64 | Dry | 10.98 | 89.02 | 4.46 | Mussel | TBT 298 |
| FBJB | K8111 | K111RF | TISSUE | SAMP | 0.42 | 4.38 | Dry | 9.58 | 90.42 | 4.47 | Mussel | TBT 298 |
| FBJB | K8112 | K112RF | TISSUE | SAMP | 0.15 | 1.43 | Dry | 10.47 | 89.53 | 7.09 | Mussel | TBT 298 |
| BHKF | K8076 | K076RF | TISSUE | SAMP | 2.69 | 15.17 | Dry | 17.73 | 82.27 | 6.25 | Mussel | TBT 299 |
| PRBB | K8126 | K8126R | TISSUE | SAMP | 0.94 | 5.82 | Dry | 16.16 | 83.84 | 6.11 | Mussel | TBT 287 |
| PRBM | K8124 | K8124R | TISSUE | SAMP | 0.39 | 2.36 | Dry | 16.53 | 83.47 | 5.79 | Mussel | TBT 287 |
| PRBJ | K8122 | K8122F | TISSUE | SAMP | 0.59 | 3.65 | Dry | 16.15 | 83.85 | 4.98 | Mussel | TBT 287 |

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Receive Date | Extraction Date | Analysis Date | Units | Tripropyltin % recovery | Tetrabutyltin | TetrabutyltinQ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | K8008 | K8008 | TISSUE | SAMP | 12/10/93 | 9/21/94 | 6/9/95 | ng Sn/g | 37 | 0.08 | J |
| LMPI | K8016 | K8016 | TISSUE | SAMP | 12/10/93 | 9/21/94 | 6/10/95 | ng Sn/g | 54 | 0.04 | J |
| LMAC | K8012 | K8012 | TISSUE | SAMP | 12/10/93 | 9/21/94 | 6/9/95 | ng Sn/g | 54 | 0.06 | J |
| CCNB | K8018 | K8018 | TISSUE | SAMP | 12/16/93 | 9/21/94 | 6/10/95 | ng Sn/g | 50 | 0.09 | J |
| ABLR | K8032 | K8032 | TISSUE | SAMP | 12/17/93 | 9/21/94 | 6/10/95 | ng Sn/g | 35 | 0.12 | J |
| MBAR | K8020 | K8020 | TISSUE | SAMP | 12/16/93 | 9/21/94 | 6/10/95 | ng Sn/g | 91 | 0.04 | J |
| SAPP | K8026 | K8026 | TISSUE | SAMP | 12/16/93 | 9/21/94 | 6/10/95 | ng Sn/g | 41 | 0.10 | J |
| ESSP | K8030 | K8030 | TISSUE | SAMP | 12/17/93 | 9/21/94 | 6/10/95 | ng Sn/g | 48 | 0.08 | J |
| ESBD | K8028 | K8028 | TISSUE | SAMP | 12/17/93 | 9/21/94 | 6/10/95 | ng Sn/g | 36 | 0.52 | J |
| MBGP | K8024 | K8024 | TISSUE | SAMP | 12/16/93 | 9/21/94 | 6/10/95 | ng Sn/g | 37 | 0.20 | J |
| MBCB | K8022 | K8022 | TISSUE | SAMP | 12/16/93 | 9/21/94 | 6/10/95 | ng Sn/g | 38 | 0.32 | J |
| BRCL | K8004 | K8004 | TISSUE | SAMP | 12/9/93 | 9/21/94 | 6/9/95 | ng Sn/g | 56 | 0.11 | J |
| GBTD | K8000 | K8000 | TISSUE | SAMP | 12/9/93 | 9/21/94 | 6/9/95 | ng Sn/g | 42 | 0.19 | J |
| GBOB | K8006 | K8006 | TISSUE | SAMP | 12/9/93 | 9/21/94 | 6/9/95 | ng Sn/g | 56 | 0.09 | J |
| GBSC | K8002 | K8002 | TISSUE | SAMP | 12/9/93 | 9/21/94 | 6/9/95 | ng Sn/g | 30 | 0.52 | J |
| SLBB | K8010 | K8010 | TISSUE | SAMP | 12/10/93 | 9/21/94 | 6/9/95 | ng Sn/g | 50 | 0.24 | J |
| CLLC | K8014 | K8014 | TISSUE | SAMP | 12/10/93 | 9/21/94 | 6/9/95 | ng Sn/g | 45 | 0.11 | J |
| VBSP | K8040 | K8040F | TISSUE | SAMP | 1/13/94 | 10/4/94 | 6/21/95 | ng Sn/g | 67 | | ND |
| CLCL | K8034 | K8034F | TISSUE | SAMP | 1/13/94 | 10/4/94 | 6/21/95 | ng Sn/g | 117 | 0.19 | |
| TBLF | K8036 | K8036F | TISSUE | SAMP | 1/13/94 | 10/4/94 | 6/21/95 | ng Sn/g | 118 | 0.20 | J |
| MRPL | K8042 | K8042F | TISSUE | SAMP | 1/15/94 | 10/4/94 | 6/21/95 | ng Sn/g | 39 | 0.69 | J |
| BSSI | K8038 | K8038F | TISSUE | SAMP | 1/15/94 | 6/20/95 | 6/26/95 | ng Sn/g | 50 | 0.24 | J |
| LBMP | K8044 | K8044F | TISSUE | SAMP | 1/15/94 | 6/20/95 | 6/26/95 | ng Sn/g | 68 | 1.15 | J |
| LBNO | K8046 | K8046F | TISSUE | SAMP | 1/15/94 | 6/20/95 | 6/26/95 | ng Sn/g | 48 | 0.35 | J |
| MSPC | K8052 | K8052F | TISSUE | SAMP | 1/16/94 | 10/4/94 | 6/22/95 | ng Sn/g | 73 | 9.40 | J |
| MSPB | K8054 | K054RF | TISSUE | SAMP | 1/16/94 | 7/17/95 | 7/20/95 | ng Sn/g | 61 | 0.41 | J |
| MBCP | K8048 | K8048F | TISSUE | SAMP | 12/10/93 | 6/20/95 | 6/27/95 | ng Sn/g | 53 | 0.10 | J |
| MBHI | K8050 | K8050F | TISSUE | SAMP | 1/16/94 | 10/4/94 | 6/21/95 | ng Sn/g | 120 | 1.39 | J |
| PBPH | K8058 | K8058F | TISSUE | SAMP | 1/17/94 | 6/20/95 | 6/27/95 | ng Sn/g | 38 | 0.25 | J |
| PBIB | K8056 | K056RF | TISSUE | SAMP | 1/17/94 | 7/17/95 | 7/20/95 | ng Sn/g | 87 | 0.58 | J |
| CBJB | K8066 | K066RF | TISSUE | SAMP | 1/19/94 | 7/17/95 | 7/20/95 | ng Sn/g | 79 | 2.06 | J |
| CBBL | K8064 | K064RF | TISSUE | SAMP | 1/19/94 | 7/17/95 | 7/20/95 | ng Sn/g | 59 | 3.09 | J |
| CBPP | K8060 | K8060F | TISSUE | SAMP | 1/17/94 | 6/20/95 | 6/26/95 | ng Sn/g | 50 | 0.07 | J |
| CBBB | K8062 | K8062F | TISSUE | SAMP | 1/17/94 | 10/4/94 | 6/22/95 | ng Sn/g | 85 | 0.89 | J |

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Receive Date | Extraction Date | Analysis Date | Units | Tripropyltin % recovery | Tetrabutyltin | TetrabutyltinQ |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PCLO | K8068 | K8068F | TISSUE | SAMP | 1/19/94 | 10/4/94 | 6/22/95 | ng Sn/g | 41 | 6.50 | J |
| AESP | K8070 | K8070F | TISSUE | SAMP | 1/20/94 | 6/20/95 | 6/26/95 | ng Sn/g | 62 | 0.43 | J |
| CKBP | K8072 | K8072F | TISSUE | SAMP | 1/20/94 | 6/20/95 | 6/26/95 | ng Sn/g | 39 | 0.43 | J |
| TBOT | K8080 | K8080F | TISSUE | SAMP | 1/21/94 | 6/20/95 | 6/26/95 | ng Sn/g | 59 | 0.59 | J |
| TBPB | K8078 | K8078F | TISSUE | SAMP | 1/21/94 | 6/20/95 | 6/26/95 | ng Sn/g | 46 | 1.07 | J |
| TBHB | K8084 | K084RF | TISSUE | SAMP | 1/23/94 | 7/17/95 | 7/20/95 | ng Sn/g | 110 | 2.99 | J |
| TBMK | K8088 | K088RF | TISSUE | SAMP | 1/23/94 | 7/17/95 | 7/20/95 | ng Sn/g | 89 | 0.26 | J |
| TBKA | K8074 | K8074F | TISSUE | SAMP | 1/21/94 | 6/20/95 | 6/26/95 | ng Sn/g | 67 | 0.13 | J |
| TBNP | K8082 | K8082F | TISSUE | SAMP | 1/21/94 | 6/20/95 | 6/26/95 | ng Sn/g | 42 | 0.46 | J |
| CBBI | K8086 | K086RF | TISSUE | SAMP | 1/23/94 | 7/17/95 | 7/20/95 | ng Sn/g | 84 | 0.24 | J |
| RBHC | K8090 | K090RF | TISSUE | SAMP | 1/23/94 | 7/17/95 | 7/20/95 | ng Sn/g | 48 | 4.04 | J |
| FBFO | K8092 | K92FR | TISSUE | SAMP | 1/27/94 | 7/17/95 | 8/7/95 | ng Sn/g | 60 | 0.75 | J |
| FBFO | K8093 | K93FR | TISSUE | SAMP | 1/27/94 | 7/17/95 | 8/7/95 | ng Sn/g | 51 | 2.59 | J |
| FBFO | K8094 | K94FR | TISSUE | SAMP | 1/27/94 | 7/17/95 | 8/7/95 | ng Sn/g | 93 | 2.57 | J |
| FBJB | K8110 | K110RF | TISSUE | SAMP | 1/27/94 | 7/14/95 | 7/19/95 | ng Sn/g | 66 | 12.25 | J |
| FBJB | K8111 | K111RF | TISSUE | SAMP | 1/27/94 | 7/14/95 | 7/19/95 | ng Sn/g | 105 | 6.97 | J |
| FBJB | K8112 | K112RF | TISSUE | SAMP | 1/27/94 | 7/14/95 | 7/19/95 | ng Sn/g | 106 | * | |
| BHKF | K8076 | K076RF | TISSUE | SAMP | 1/21/94 | 7/17/95 | 7/20/95 | ng Sn/g | 56 | 0.22 | J |
| PRBB | K8126 | K8126R | TISSUE | SAMP | 2/16/94 | 6/19/95 | 6/25/95 | ng Sn/g | 65 | 0.76 | J |
| PRBM | K8124 | K8124R | TISSUE | SAMP | 2/16/94 | 6/19/95 | 6/25/95 | ng Sn/g | 47 | 1.75 | J |
| PRBJ | K8122 | K8122F | TISSUE | SAMP | 2/16/94 | 6/19/95 | 6/24/95 | ng Sn/g | 47 | 1.95 | J |

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Tributyltin | TributyltinQ | Dibutyltin | DibutyltinQ | Monobutyltin | MonobutyltinQ |
|---|---|---|---|---|---|---|---|---|---|---|
| LMSB | K8008 | K8008 | TISSUE | SAMP | 12.67 | J | 2.43 | J | 0.28 | J |
| LMPI | K8016 | K8016 | TISSUE | SAMP | 269.50 | | 32.57 | | 1.84 | J |
| LMAC | K8012 | K8012 | TISSUE | SAMP | 1.00 | J | 0.17 | J | 0.42 | J |
| CCNB | K8018 | K8018 | TISSUE | SAMP | 20.53 | | 6.33 | J | 0.57 | J |
| ABLR | K8032 | K8032 | TISSUE | SAMP | 0.67 | J | 0.07 | J | 0.31 | J |
| MBAR | K8020 | K8020 | TISSUE | SAMP | 0.25 | J | 0.88 | J | 0.95 | J |
| SAPP | K8026 | K8026 | TISSUE | SAMP | 1.00 | J | 0.45 | J | 0.75 | J |
| ESSP | K8030 | K8030 | TISSUE | SAMP | 3.41 | J | 0.05 | J | 0.48 | J |
| ESBD | K8028 | K8028 | TISSUE | SAMP | 19.69 | | 3.91 | J | 0.64 | J |
| MBGP | K8024 | K8024 | TISSUE | SAMP | 33.46 | | 3.78 | J | 0.09 | J |
| MBCB | K8022 | K8022 | TISSUE | SAMP | 6.27 | J | 0.37 | J | 0.52 | J |
| BRCL | K8004 | K8004 | TISSUE | SAMP | 13.91 | J | 1.04 | J | 0.10 | J |
| GBTD | K8000 | K8000 | TISSUE | SAMP | 220.30 | | 24.50 | | 2.17 | J |
| GBOB | K8006 | K8006 | TISSUE | SAMP | 48.72 | | 8.91 | J | 0.93 | J |
| GBSC | K8002 | K8002 | TISSUE | SAMP | 285.02 | | 31.60 | J | 0.83 | J |
| SLBB | K8010 | K8010 | TISSUE | SAMP | 105.11 | | 10.73 | J | 0.74 | J |
| CLLC | K8014 | K8014 | TISSUE | SAMP | 207.55 | | 16.91 | | 1.44 | J |
| VBSP | K8040 | K8040F | TISSUE | SAMP | 0.69 | J | 0.30 | J | 10.39 | J |
| CLCL | K8034 | K8034F | TISSUE | SAMP | 1.94 | | 0.91 | | 0.84 | |
| TBLF | K8036 | K8036F | TISSUE | SAMP | 0.82 | J | 1.36 | J | 0.04 | J |
| MRPL | K8042 | K8042F | TISSUE | SAMP | 142.50 | | 7.45 | J | 1.13 | J |
| BSSI | K8038 | K8038F | TISSUE | SAMP | 14.18 | J | 0.69 | J | 0.14 | J |
| LBMP | K8044 | K8044F | TISSUE | SAMP | 0.00 | ND | 0.25 | J | 1.11 | J |
| LBNO | K8046 | K8046F | TISSUE | SAMP | 2.18 | J | 0.00 | ND | 0.00 | ND |
| MSPC | K8052 | K8052F | TISSUE | SAMP | 12.64 | J | 1.26 | J | 0.11 | J |
| MSPB | K8054 | K054RF | TISSUE | SAMP | 95.17 | | 32.76 | | 12.89 | J |
| MBCP | K8048 | K8048F | TISSUE | SAMP | 0.00 | ND | 0.27 | J | 0.13 | J |
| MBHI | K8050 | K8050F | TISSUE | SAMP | 117.03 | | 7.24 | J | 0.55 | J |
| PBPH | K8058 | K8058F | TISSUE | SAMP | 75.79 | | 0.40 | J | 0.27 | J |
| PBIB | K8056 | K056RF | TISSUE | SAMP | 32.38 | | 3.43 | J | 2.58 | J |
| CBJB | K8066 | K066RF | TISSUE | SAMP | 284.25 | | 190.98 | | 38.31 | |
| CBBL | K8064 | K064RF | TISSUE | SAMP | 44.46 | | 19.70 | | 1.99 | J |
| CBPP | K8060 | K8060F | TISSUE | SAMP | 0.00 | ND | 0.00 | ND | 0.33 | J |
| CBBB | K8062 | K8062F | TISSUE | SAMP | 40.89 | | 4.19 | J | 1.55 | J |

# Mussel Watch Project Year 9 - Butyltin Data (Tissue)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Tributyltin | TributyltinQ | Dibutyltin | DibutyltinQ | Monobutyltin | MonobutyltinQ |
|---|---|---|---|---|---|---|---|---|---|---|
| PCLO | K8068 | K8068F | TISSUE | SAMP | | ND | 5.08 | J | 6.02 | J |
| AESP | K8070 | K8070F | TISSUE | SAMP | 0.00 | ND | 0.00 | ND | 0.07 | J |
| CKBP | K8072 | K8072F | TISSUE | SAMP | 3.94 | J | 0.00 | ND | 0.05 | J |
| TBOT | K8080 | K8080F | TISSUE | SAMP | 1.91 | J | 0.00 | ND | 0.42 | J |
| TBPB | K8078 | K8078F | TISSUE | SAMP | 3.96 | J | 0.00 | ND | 0.64 | J |
| TBHB | K8084 | K084RF | TISSUE | SAMP | 171.29 | | 106.08 | | 29.14 | |
| TBMK | K8088 | K088RF | TISSUE | SAMP | 2.50 | J | 0.65 | J | 0.22 | J |
| TBKA | K8074 | K8074F | TISSUE | SAMP | 55.63 | | 20.69 | | 0.00 | ND |
| TBNP | K8082 | K8082F | TISSUE | SAMP | 0.00 | ND | 0.61 | J | 0.08 | J |
| CBBI | K8086 | K086RF | TISSUE | SAMP | 14.60 | | 4.51 | J | 3.46 | J |
| RBHC | K8090 | K090RF | TISSUE | SAMP | 6.13 | J | 7.60 | J | 2.40 | J |
| FBFO | K8092 | K92FR | TISSUE | SAMP | 378.10 | | 184.48 | | 60.72 | |
| FBFO | K8093 | K93FR | TISSUE | SAMP | 6.77 | J | 4.87 | J | 0.52 | J |
| FBFO | K8094 | K94FR | TISSUE | SAMP | 3.77 | J | 1.95 | J | 1.72 | J |
| FBJB | K8110 | K110RF | TISSUE | SAMP | 1.63 | J | 1.77 | J | 8.47 | J |
| FBJB | K8111 | K111RF | TISSUE | SAMP | 6.55 | J | 2.80 | J | 3.41 | J |
| FBJB | K8112 | K112RF | TISSUE | SAMP | | | | | *insufficient sample | |
| BHKF | K8076 | K076RF | TISSUE | SAMP | 5.70 | J | 0.35 | J | 0.21 | J |
| PRBB | K8126 | K8126R | TISSUE | SAMP | 160.18 | | 24.45 | | 6.15 | J |
| PRBM | K8124 | K8124R | TISSUE | SAMP | 48.21 | J | 6.68 | J | 4.43 | J |
| PRBJ | K8122 | K8122F | TISSUE | SAMP | 158.41 | | 3.91 | J | 2.25 | J |

# Butyltin QC Data
# (Tissue)

# Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | CCNB | | CCNB | | CCNB | | | | | PBPH | | PBPH |
| Lab Sample ID | K8018 | | Q9895 | | Q9896 | | Q9898 | | Q9897 | K8058 | | Q9910 |
| File No. | K8018 | | Q9895 | | Q9896 | | Q9898 | | Q9897 | K8058F | | Q9910F |
| Matrix | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | TISSUE | | TISSUE |
| Sample Type | SAMP | | DUP/MS* | | DUP/MS* | | LBS | | BLANK | SAMP | | DUP |
| Dry Weight (g) | 2.21 | | 1.39 | | 1.39 | | 1.00 | | 1.56 | 1.42 | | 1.41 |
| Wet Weight (g) | 10.05 | | 10.16 | | 10.12 | | NA | | NA | 10.09 | | 10.02 |
| Concentration Basis | Dry | | Dry | | Dry | | Dry | | Dry | Dry | | Dry |
| % solid | 21.98 | | 13.69 | | 13.69 | | NA | | NA | 14.07 | | 14.07 |
| % Moisture | 78.02 | | 86.31 | | 86.31 | | NA | | NA | 85.93 | | 85.93 |
| % Lipid | 2.04 | | 2.04 | | 2.04 | | NA | | NA | 19.29 | | 19.29 |
| Organism | Mussel | | Mussel | | Mussel | | Mussel | | Mussel | Mussel | | Mussel |
| Page Number | TBT 199 | | TBT 199 | | TBT 199 | | TBT 199 | | TBT 199 | TBT 201 | | TBT 201 |
| Receive Date | 12/16/93 | | 12/16/93 | | 12/16/93 | | NA | | NA | 1/17/94 | | 1/17/94 |
| Extraction Date | 9/21/94 | | 9/21/94 | | 9/21/94 | | 9/21/94 | | 9/21/94 | 10/4/94 | | 10/4/94 |
| Analysis Date | 6/10/95 | | 6/10/95 | | 6/10/95 | | 6/10/95 | | 6/10/95 | 6/22/95 | | 6/22/95 |
| Units | ng Sn/g | | ng Sn/g | % | % | | % | | ng Sn/g | ng Sn/g | | ng Sn/g |
| Tripropyltin % recovery | 91 | | 31 | | 35 | | 43 | | 31 | 38 | | 108 |
| Tetrabutyltin | 0.04 | J | 206.97 | 57.1 | 46 | | 128 | | 0.39 | J | 2.97 | J | 0.74 | J |
| Tributyltin | 0.25 | J | 181.75 | 53 | 33 | | 118 | | 0.86 | J | 53.58 | | 60.62 | |
| Dibutyltin | 0.88 | J | 160.92 | 43.4 | 60 | | 90 | | 0.24 | J | 0.88 | J | 3.89 | J |
| Monobutyltin | 0.95 | J | 26.44 | 13.1 | 18 | | 40 | | 0.25 | J | 1.16 | J | 0.31 | J |

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

# Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Site | PBPH | | | | FBFO STATION 3 | | FBFO STATION 3 | | FBFO STATION 3 | |
| Lab Sample ID | Q9911 | Q9913 | Q9912 | | K8094 | | Q12532 | | Q12533 | Q12531 |
| File No. | Q9911F | Q9913F | Q9912F | | K94FR | | Q12532 | | Q12533 | Q12531 |
| Matrix | TISSUE | TISSUE | TISSUE | | TISSUE | | TISSUE | | TISSUE | TISSUE |
| Sample Type | MS | LBS | BLANK | | SAMP | | DUP | | MS | LBS |
| Dry Weight (g) | 1.41 | 1.00 | 1.06 | | 1.70 | | 1.72 | | 1.71 | 1.00 |
| Wet Weight (g) | 10.02 | NA | NA | | 14.98 | | 11.48 | | 15.07 | NA |
| Concentration Basis | Dry | Dry | Dry | | Dry | | Dry | | Dry | Dry |
| % solid | 14.07 | NA | NA | | 11.35 | | 11.35 | | 11.35 | NA |
| % Moisture | 85.93 | NA | NA | | 88.65 | | 88.65 | | 88.65 | NA |
| % Lipid | 19.29 | NA | NA | | 7.40 | | 7.40 | | 7.40 | NA |
| Organism | Mussel | Mussel | Mussel | | Mussel | | Mussel | | Mussel | Mussel |
| Page Number | TBT 201 | TBT 201 | TBT 201 | | TBT 299 | | TBT 299 | | TBT 299 | TBT 299 |
| Receive Date | 1/17/94 | NA | NA | | 1/24/94 | | 1/24/94 | | 1/24/94 | NA |
| Extraction Date | 10/4/94 | 10/4/94 | 10/4/94 | | 7/17/95 | | 7/17/95 | | 7/17/95 | 7/17/95 |
| Analysis Date | 6/22/95 | 6/22/95 | 6/22/95 | | 8/7/95 | | 7/20/95 | | 7/20/95 | 7/20/95 |
| Units | % | % | ng Sn/g | | ng Sn/g | | ng Sn/g | | % | % |
| Tripropyltin % recovery | 78 | 39 | 100 | | 93 | | 79 | | 51 | 90 |
| Tetrabutyltin | 93 | 112 | 0.39 | J | 2.57 | J | 2.1 | J | 113 | 118 |
| Tributyltin | 126 | 108 | 0.41 | J | 3.77 | J | 3.18 | J | 78 | 108 |
| Dibutyltin | 77 | 60 | 0.23 | J | 1.95 | J | 2.46 | J | 69 | 88 |
| Monobutyltin | 25 | 12 | 0.49 | J | 1.72 | J | 0.66 | J | 43 | 71 |

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

# Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | | PBPH | | PBPH | | PBPH | | | | FBFO STATION 3 | | FBFO STATION 3 | |
| Lab Sample ID | Q12530 | | K8058 | | Q12276 | | Q12277 | | Q12278 | | K8094 | | K8094 | |
| File No. | Q12530 | | K8058F | | Q12276 | | Q2277R | | Q12278 | | K8094F | | Q12273 | |
| Matrix | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | | TISSUE | |
| Sample Type | BLANK | | SAMP | | DUP | | MS | | BLANK | | SAMP | | DUP | |
| Dry Weight (g) | 1.79 | | 2.13 | | 2.12 | | 2.12 | | 1.49 | | 1.71 | | 1.73 | |
| Wet Weight (g) | NA | | 15.14 | | 15.07 | | 15.07 | | NA | | 15.14 | | 15.24 | |
| Concentration Basis | Dry | | Dry | | Dry | | Dry | | Dry | | Dry | | Dry | |
| % solid | NA | | 14.07 | | 14.07 | | 14.07 | | NA | | 11.35 | | 11.35 | |
| % Moisture | NA | | 85.93 | | 85.93 | | 85.93 | | NA | | 88.65 | | 88.65 | |
| % Lipid | NA | | 19.29 | | 19.29 | | 19.29 | | NA | | 7.40 | | 7.40 | |
| Organism | Mussel | | Mussel | | Mussel | | Mussel | | Mussel | | Mussel | | Mussel | |
| Page Number | TBT 299 | | TBT 288 | | TBT 288 | | TBT 288 | | TBT 288 | | TBT 287 | | TBT 287 | |
| Receive Date | NA | | 1/17/94 | | 1/17/94 | | 1/17/94 | | NA | | 1/27/94 | | 1/17/94 | |
| Extraction Date | 7/17/95 | | 6/20/95 | | 6/20/95 | | 6/20/95 | | 6/20/95 | | 6/19/95 | | 6/19/95 | |
| Analysis Date | 7/20/95 | | 6/26/95 | | 6/26/95 | | 6/27/95 | | 6/26/95 | | 6/24/95 | | 6/24/95 | |
| Units | ng Sn/g | | ng Sn/g | | ng Sn/g | | % | | ng Sn/g | | ng Sn/g | | % | |
| Tripropyltin % recovery | 89 | | 38 | | 39 | | 61 | | 101 | | 29 | | 20 | |
| Tetrabutyltin | 1.49 | J | 0.25 | J | 2.14 | J | 118 | | 2.97 | J | 0.6 | J | 0.41 | |
| Tributyltin | 0.89 | J | 75.79 | | 91.77 | | 84 | | | ND | 1.56 | J | 1.60 | |
| Dibutyltin | 0.18 | J | 0.40 | J | 1.78 | J | 50 | | | ND | 0.77 | J | | ND |
| Monobutyltin | 0.33 | J | 0.27 | J | 1.57 | J | 17 | | 0.37 | J | 1.81 | J | 0.46 | |

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

# Mussel Watch Project Year 9 - Butyltin QC Data (Tissue)

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Site | | | | RBHC | | RBHC | | RBHC | | | | |
| Lab Sample ID | Q12274 | Q12275 | | K8091 | | K8091 | | K8091 | Q12527 | Q12526 | |
| File No. | Q12274 | Q12275 | | K091RR | | Q2528R | | Q2529R | Q2527R | Q12526 | |
| Matrix | TISSUE | TISSUE | | TISSUE | | TISSUE | | TISSUE | TISSUE | TISSUE | |
| Sample Type | LBS | BLANK | | SAMP | | DUP | | MS | LBS | BLANK | |
| Dry Weight (g) | 1.00 | 1.45 | | 1.01 | | 1.02 | | 1.01 | 1.00 | 0.49 | |
| Wet Weight (g) | NA | NA | | 15.14 | | 15.24 | | NA | NA | NA | |
| Concentration Basis | Dry | Dry | | Dry | | Dry | | Dry | Dry | Dry | |
| % solid | NA | NA | | 11.94 | | 11.94 | | 11.94 | NA | NA | |
| % Moisture | NA | NA | | 88.06 | | 88.06 | | 88.06 | NA | NA | |
| % Lipid | NA | NA | | 4.33 | | 4.33 | | 4.33 | NA | NA | |
| Organism | Mussel | Mussel | | Mussel | | Mussel | | Mussel | Mussel | Mussel | |
| Page Number | TBT 287 | TBT 287 | | TBT 298 | | TBT 298 | | TBT 298 | TBT 298 | TBT 298 | |
| Receive Date | NA | NA | | 1/23/94 | | 1/23/94 | | 1/23/94 | NA | NA | |
| Extraction Date | 6/20/95 | 6/20/95 | | 7/14/95 | | 7/14/95 | | 7/14/95 | 7/14/95 | 7/14/95 | |
| Analysis Date | 6/26/95 | 6/26/95 | | 7/21/95 | | 7/21/95 | | 7/21/95 | 7/19/95 | 7/19/95 | |
| Units | % | ng Sn/g | | ng Sn/g | | % | | % | % | ng Sn/g | |
| Tripropyltin % recovery | 51 | 25 | | 38 | | 60 | | 37 | 44 | 87 | |
| Tetrabutyltin | NA | 1.65 | J | 0.63 | J | 1.59 | J | 119 | 85 | 4.92 | J |
| Tributyltin | 75.10 | 2.15 | J | 2.09 | J | 5.47 | J | 115 | 118 | 0.49 | J |
| Dibutyltin | 53.50 | | ND | 3.51 | J | 3.44 | J | 79 | 98 | 5.1 | J |
| Monobutyltin | 25.71 | 1.39 | J | 1.23 | J | 2.68 | J | 41 | 74 | 3.85 | J |

MS Matrix Spike
MSD Matrix Spike Duplicate
I Analytical Interference
J <MDL
Q Recovery Outside QC
ND Non Detect
NA Not Applicable
* Samples mixed, see case narrative

# Butyltin Data
# (Sediment)

## Mussel Watch Project Year 9 - Butyltin Data (Sediment)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Dry Weight (g) | Wet Weight (g) | Concentration Basis | % solid | % Moisture | % Lipid | Organism | Page Number | Receive Date |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FBFO | K8098 | F8098F | SEDIMENT | SAMP | 15.28 | 51.28 | Dry | 29.80 | 70.20 | NA | NA | TBT 207 | 1/27/94 |
| FBFO | K8099 | K8099F | SEDIMENT | SAMP | 15.01 | 54.58 | Dry | 27.50 | 72.50 | NA | NA | TBT 207 | 1/27/94 |
| FBFO | K8100 | K8100F | SEDIMENT | SAMP | 10.03 | 37.64 | Dry | 26.65 | 73.35 | NA | NA | TBT 207 | 1/27/94 |
| FBJB | K8113 | K8113F | SEDIMENT | SAMP | 15.00 | 51.94 | Dry | 28.88 | 71.12 | NA | NA | TBT 207 | 1/27/94 |
| FBJB | K8114 | K8114F | SEDIMENT | SAMP | 7.51 | 23.96 | Dry | 31.35 | 68.65 | NA | NA | TBT 207 | 1/27/94 |
| FBJB | K8115 | K8115F | SEDIMENT | SAMP | 15.00 | 51.07 | Dry | 29.37 | 70.63 | NA | NA | TBT 207 | 1/27/94 |

## Mussel Watch Project Year 9 - Butyltin Data (Sediment)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Extraction Date | Analysis Date | Units | Tripropyltin % recovery | Tetrabutyltin | TetrabutyltinQ | Tributyltin | TributyltinQ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FBFO | K8098 | F8098F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 90 | | ND | 49.50 | |
| FBFO | K8099 | K8099F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 82 | | ND | 52.50 | |
| FBFO | K8100 | K8100F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 86 | | ND | 54.30 | |
| FBJB | K8113 | K8113F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 87 | | ND | 53.80 | |
| FBJB | K8114 | K8114F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 78 | | ND | 51.40 | |
| FBJB | K8115 | K8115F | SEDIMENT | SAMP | 10/11/94 | 10/17/94 | ng Sn/g | 89 | | ND | 59.30 | |

## Mussel Watch Project Year 9 - Butyltin Data (Sediment)

| Site | Lab Sample ID | File No. | Matrix | Sample Type | Dibutyltin | DibutyltinQ | Monobutyltin | MonobutyltinQ |
|---|---|---|---|---|---|---|---|---|
| FBFO | K8098 | F8098F | SEDIMENT | SAMP | 5.30 | J | 0.40 | J |
| FBFO | K8099 | K8099F | SEDIMENT | SAMP | 3.70 | J | 0.20 | J |
| FBFO | K8100 | K8100F | SEDIMENT | SAMP | 4.70 | J | 0.60 | J |
| FBJB | K8113 | K8113F | SEDIMENT | SAMP | 2.80 | J | 0.40 | J |
| FBJB | K8114 | K8114F | SEDIMENT | SAMP | 1.90 | J | | ND |
| FBJB | K8115 | K8115F | SEDIMENT | SAMP | 2.50 | J | 0.10 | J |

# Butyltin QC Data
# (Sediment)

# Mussel Watch Project Year 9 - Butyltin QC Data (Sediment)

| Site | FBJB | | FBJB | | FBJB | | | | | NRCC PACS-1 | | RANGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | K8114 | | Q11002 | | Q11004 | Q11006 | | Q11005 | | Q11003 | | |
| File No. | K8144F | | Q11002 | | Q11004 | Q11006 | | Q11005 | | Q11003 | | |
| Matrix | SEDIMENT | | SEDIMENT | | SEDIMENT | SEDIMENT | | SEDIMENT | | SEDIMENT | | |
| Sample Type | SAMP | | DUP | | MS | LBS | | BLANK | | SRM | | |
| Dry Weight (g) | 7.51 | | 7.50 | | 7.50 | 1.00 | | 12.19 | | 0.30 | | |
| Wet Weight (g) | 23.96 | | 23.92 | | 23.92 | NA | | NA | | 0.30 | | |
| Concentration Basis | Dry | | Dry | | Dry | Dry | | Dry | | Dry | | |
| % solid | 31.35 | | 31.35 | | 31.35 | NA | | NA | | 100.00 | | |
| % Moisture | 68.65 | | 68.65 | | 68.65 | NA | | NA | | 0.00 | | |
| % Lipid | NA | | NA | | NA | NA | | NA | | NA | | |
| Organism | NA | | NA | | NA | NA | | NA | | NA | | |
| Page Number | TBT 207 | | TBT 207 | | TBT 207 | TBT 207 | | TBT 207 | | TBT 207 | | |
| Receive Date | 1/27/94 | | 1/27/94 | | 1/27/94 | NA | | NA | | NA | | |
| Extraction Date | 10/11/94 | | 10/11/94 | | 10/11/94 | 10/11/94 | | 10/11/94 | | 10/11/94 | | |
| Analysis Date | 10/17/94 | | 10/17/94 | | 10/17/94 | 10/17/94 | | 10/17/94 | | 10/17/94 | | |
| Units | ng Sn/g | | ng Sn/g | | % | % | | ng Sn/g | | ng Sn/g | | |
| Tripropyltin % recovery | 78 | | 81 | | 92 | 82 | | 85 | | 89 | | |
| Tetrabutyltin | | ND | | ND | 109 | 101 | | | ND | | ND | NA |
| Tributyltin | 51.4 | | 49.3 | | 88 | 99 | | | ND | 1234 | | 1050-1490 |
| Dibutyltin | 1.9 | | 1.8 | | 94 | 96 | | | ND | 1028.6 | | 980-1340 |
| Monobutyltin | | ND | | ND | 56 | 84 | | | ND | 240.1 | | 110-450 |

# Method Detection Limits

# PAH
# Method Detection Limits

**Mussel Watch Project Year 9 - Method Detection Limits PAH**

| | Sediments | Tissues |
|---|---|---|
| Sample Weight (g) | 15.0 | 1.0 |
| Final Volume (ml) | 1.00 | 1.00 |
| Units | ng/g Dry | ng/g Dry |
| **Compound** | | |
| NAPHTHALENE | 1.1 | 6.2 |
| C1-NAPHTHALENES | 2.3 | 19.6 |
| C2-NAPHTHALENES | 1.2 | 17.3 |
| C3- & C4-NAPHTHALENES | 1.3 | 24.8 |
| BIPHENYL | 0.4 | 9.2 |
| ACENAPHTHYLENE | 0.5 | 7.3 |
| ACENAPHTHENE | 0.6 | 8.5 |
| FLUORENE | 0.6 | 9.3 |
| C1- to C3-FLUORENES | 1.2 | 18.6 |
| PHENANTHRENE | 0.6 | 3.5 |
| ANTHRACENE | 0.5 | 2.3 |
| C1- to C4-PHENANTHRENES & ANTHRACENES | 1.1 | 29.9 |
| DIBENZOTHIOPHENE | 0.5 | 2.2 |
| C1- tO C3-DIBENZOTHIOPH | 1.0 | 4.4 |
| FLUORANTHENE | 0.3 | 4.2 |
| PYRENE | 0.4 | 4.4 |
| C1-FLUORANTHENES & & PYRENES | 0.7 | 8.7 |
| BENaANTHRACENE | 0.4 | 5.1 |
| CHRYSENE | 0.3 | 11.1 |
| C1- to C4-CHRYSENES | 0.7 | 22.1 |
| BENbFLUORANTHENE | 0.3 | 4.0 |
| BENkFLUORANTHENE | 0.3 | 4.0 |
| BENePYRENE | 0.2 | 2.5 |
| BENaPYRENE | 0.3 | 4.9 |
| PERYLENE | 2.7 | 4.8 |
| I123cdPYRENE | 0.3 | 5.6 |
| DBahANTHRACENE | 0.4 | 2.8 |
| BghiPERYLENE | 0.3 | 3.0 |
| | | |
| 2-METHYLNAPHTHALENE | 1.2 | 10.5 |
| 1-METHYLNAPHTHALENE | 1.1 | 9.0 |
| 2,6-DIMETHNAPHTHALENE | 0.6 | 8.7 |
| 1,6,7-TRIMETHNAPH | 0.7 | 12.4 |
| 1-METHYLPHENANTHREN | 0.5 | 14.9 |

# Pesticides and PCBs
# Method Detection Limits

## Mussel Watch Project Year 9 - Method Detection Limits Pesticide and PCBs

| | SEDIMENTS | | TISSUES | |
|---|---|---|---|---|
| | MDL | MDL | MDL | MDL |
| Dry Weight (g) | 14.58 | | 1.37 | |
| Wet Weight (g) | | 29.35 | | 15.20 |
| Concentration Basis | Dry | Wet | Dry | Wet |
| Units | ng/g | ng/g | ng/g | ng/g |
| Alpha BHC | 0.09 | 0.05 | 0.34 | 0.03 |
| HCB | 0.05 | 0.03 | 0.40 | 0.04 |
| Beta BHC | 0.03 | 0.02 | 0.17 | 0.02 |
| Gamma BHC | 0.04 | 0.02 | 0.25 | 0.02 |
| Delta BHC | 0.17 | 0.09 | 0.89 | 0.08 |
| Hepta Chlor | 0.19 | 0.09 | 0.53 | 0.05 |
| Hepta Epoxide | 0.32 | 0.16 | 0.09 | 0.01 |
| Oxychlordane | 0.18 | 0.09 | 0.85 | 0.08 |
| Gamma Chlordane | 0.05 | 0.02 | 0.29 | 0.03 |
| Alpha Chlordane | 0.04 | 0.02 | 0.49 | 0.04 |
| Trans-Nonachlor | 0.04 | 0.02 | 0.25 | 0.02 |
| Cis-Nonachlor | 0.03 | 0.01 | 0.29 | 0.03 |
| Aldrin | 0.04 | 0.02 | 0.41 | 0.04 |
| Dieldrin | 0.42 | 0.21 | 1.02 | 0.09 |
| Endrin | NA | NA | 1.01 | 0.09 |
| Mirex | 0.04 | 0.02 | 0.28 | 0.02 |
| 2,4' DDE | 0.05 | 0.02 | 0.44 | 0.04 |
| 4,4' DDE | 0.06 | 0.03 | 0.92 | 0.08 |
| 2,4' DDD | 0.04 | 0.02 | 0.17 | 0.02 |
| 4,4' DDD | 0.11 | 0.05 | 0.28 | 0.03 |
| 2,4' DDT | 0.33 | 0.16 | 0.31 | 0.03 |
| 4,4' DDT | 0.08 | 0.04 | 0.83 | 0.07 |
| Endosulfan II | 0.08 | 0.04 | 0.83 | 0.08 |
| PCB8 | 0.14 | 0.07 | 1.40 | 0.13 |
| PCB18 | 0.07 | 0.04 | 1.08 | 0.10 |
| PCB28 | 0.06 | 0.03 | 0.75 | 0.07 |
| PCB52 | 0.07 | 0.04 | 1.00 | 0.09 |
| PCB44 | 0.08 | 0.04 | 0.62 | 0.06 |
| PCB66 | 0.10 | 0.05 | 0.65 | 0.06 |
| PCB101 | 0.09 | 0.05 | 0.47 | 0.04 |
| PCB118/108 | 0.32 | 0.16 | 1.31 | 0.12 |
| PCB153 | 0.15 | 0.08 | 2.61 | 0.24 |
| PCB105 | 0.17 | 0.09 | 1.18 | 0.11 |
| PCB138 | 0.17 | 0.08 | 1.02 | 0.09 |
| PCB187/182/159 | 0.11 | 0.05 | 0.38 | 0.03 |
| PCB128 | 0.22 | 0.11 | 0.62 | 0.06 |
| PCB180 | 0.09 | 0.05 | 0.76 | 0.07 |
| PCB170 | 0.12 | 0.06 | 2.35 | 0.21 |
| PCB195 | 0.11 | 0.06 | 0.82 | 0.07 |
| PCB206 | 0.13 | 0.06 | 0.48 | 0.04 |
| PCB209 | 0.22 | 0.11 | 1.10 | 0.10 |

# Trace Metal
# Method Detection Limits

# Mussel Watch Project Year 9
## Method Detection Limits - Trace Metals (ppm)

| | Ag | Al | As | Ba | Cd | Cr | Cu | Hg | Fe | Ni | Pb | Sb | Se | Sn | V | Zn |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sediment: | 0.026 | 444 | 0.29 | 5 | 0.008 | 0.11 | 0.44 | 0.0075 | 40.5 | 0.72 | 0.35 | 0.4 | 0.17 | 0.11 | 2 | 2.2 |
| Tissue: | 0.035 | | 0.17 | 5 | 0.008 | 0.12 | 0.25 | 0.034 | 12.8 | 0.17 | 0.12 | | 0.49 | 0.19 | 2 | 1.9 |

# Butyltin
# Method Detection Limits

## Mussel Watch Project Year 9 - Method Detection Limits Butyltin

| Matrix | Dry Weight (g) | Units | Tetrabutyltin | Tributyltin | Dibutyltin | Monobutyltin |
|---|---|---|---|---|---|---|
| SEDIMENT | 15.00 | ng/g | 1.00 | 1.00 | 1.00 | 1.00 |
| TISSUE | 3.63 | ng/g | 4.69 | 5.53 | 5.56 | 6.45 |