
0600B3--Brooks-McCall Cruise 03 May 19-21 2010

****DATA SOURCE****
Data were compiled from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data. Data were provided in 8 laboratory electronic deliverables for QC Batches 1005051, 1005052, 1005053, 1005054, 1005055, 1005056, 1005059, and 1005060. All data represent water samples except for two samples described as oil, but reported in liquid units (see notes in Samples and Replicates below).

****DATA COLLECTION PURPOSE****
Natural Resource Damage Assessment

****DATA USE QUALIFICATION****
Values for concentration and detection limit should be interpreted to 3 significant figures. Values for reporting limits should be interpreted to 1 significant figure.

****STUDY****
The data include water chemistry data.

****STATION****
StationIDs were stored as recorded in the EPA SCRIBE database. Reported datums at the time of upload are in the Station table.

****SAMPLES AND REPLICATES****
The collection depth of water samples in the fields UDepth and LDepth are reported in meters and are based on the planned collection depths ("target"). The actual collection depth values were not available.

The original Sample IDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field.

Samples were analyzed by Alpha Analytical Laboratory were coded with labrep "A" to distinguish from data for the same study from other laboratories that may be added in the future. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2A". Lab duplicates were identified as those samples with a "D" suffix on the lab ID (e.g., 1005025-01D was the lab duplicate for 1005025-01).

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX" or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated Hydrocarbons by GC/FID | 8015M
AHCN_C09/ Nonane
AHCN_C10/ Decane
AHCN_C11/ Undecane

AHCN_C12/ Dodecane
AHCN_C13/ Tridecane
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M
BTHIOPHNE/ Benzo(b)thiophene
METHNAP_1/ 1-Methylnaphthalene
METHNAP_2/ 2-Methylnaphthalene
NAPTHALENE/ Naphthalene
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:
Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5 (abbreviated as 8015 M - Tot Sat. HC - GC/FID)
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6 (abbreviated as 8270 M - Alkylated PAHs)
PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2 (abbreviated as 8260 M - PIANO VolHC - GC/MS)

For StationID B31, SampleID W003 included multiple samples from the same container, but two where coded as "Oil" (B31A-SP02, B31A-SP03). The samples analyzed by Alpha are coded as SampleID W003, Labrep 1A (original ID B31A-SP02), and SampleID W003D (field duplicate), Labrep 1A (original ID B31A-SP03), with the matrix assigned as oil.

The sample sent to LSU was coded as SampleID W003, Labrep = 1L.

****SUMMED PARAMETERS****
No sums were calculated.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****
The original analyte in Alpha lab EDDs reported as Benzo(k)fluoranthene was identifed by the data validators to be a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for the original Benzo(k)fluoranthene results have been assigned a chemical code for Benzo(j+k)fluoranthene.

The original analyte in Alpha lab EDDs reported as "Total Petroleum Hydrocarbons (C9-C44)" was changed during the data validation to "Total Extractable Matter (C9-C44)" due to the lack of silica gel cleanup.