
0600B5--Brooks-McCall Cruise 05 MAY 30-JUN 1 2010

****DATA SOURCE****

Data were compiled from surveys conducted in the Gulf of Mexico from NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data from QC Batches 1006019, 1006033, 1006025, 1006034, and 1006035.

****DATA COLLECTION PURPOSE****

Natural Resource Damage Assessment

****DATA USE QUALIFICATION****

These data are a subset of samples collected on Brooks McCall Cruise 05.

****STUDY****

The data include water chemistry data.

****STATION****

StationIDs correspond to those used in the SCRIBE database. Coordinate locations were obtained from the SCRIBE database, which matched those of the original cruise sample sheets. Although the coordinates were listed as having a datum of NAD27, on-board comparison of the coordinates confirmed the datum of NAD83 (Ben Shorr, pers comm.)."

****SAMPLES AND REPLICATES****

The collection depth of water samples in the fields UDepth and LDepth are reported in meters (obtained from the Notes in the original database).

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the ExSampID field. Field duplicates are reported with a "D" at the end of the SampleID.

The labrep field was coded with "1A" for samples from Alpha lab. Lab duplicates (second analysis of same sample for same analytical method) were assigned labrep "2" followed by the appropriate lab designation letter (A or L). Lab duplicates were identified as those samples with a "D" suffix of the labID.

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
NAPHTHALENE/ 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)

PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear Aromatic Hydrocarbons | 8270M (abbreviated as 8260 M - PIANO VolHC - GC/MS)

****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.