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0600B6--Gordon Gunter Cruise 01 MAY 28-JUN4 2010
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****DATA SOURCE****
Data were compiled from surveys conducted in the Gulf of Mexico. Data
were compiled from NewFields Environmental Forensics Practice, LLC (Alpha
Analytical) lab electronic data from the following QC Batches:  1006006,
1006007, 1006008, 1006009, 1006010, 1006011, 1006012, 1006013, 1006014,
1006037, 1006038, 1006039, 1006040, 1006041, 1006042, 1006043, 1006044,
1006045, and 1006046.


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


****STATION****
StationIDs are based on the locations recorded in the US EPA SCRIBE
database.  After initial processing, a revised set of coordinates were
provided for the stations and these were incorporated in the FoxPro
files.  StationID BP-TN05-SS07 missing location from SCRIBE database.
Recorded here as lat/long = 0/0.


****SAMPLES AND REPLICATES****
Original field recorded SampleIDs are stored in the FldSampID field.

The collection depth of water samples in the fields UDepth and LDepth are
reported in meters.

The labrep field was coded with "1A" to indicate that the results were
from Alpha lab.  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 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
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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)

Many of the samples were splits, with one split sample identified with an
"A" at the end of the orignal sample ID (fldsampid), and one with a "C."
In general, the first sample/labrep was reported with the "A" suffix, and
the second sample/labrep with the "C" suffix (labrep = 1AX).

****SUMMED PARAMETERS****
No sums were calculated and appended to the data set.

****QUALIFIERS****
Data qualifiers represent the final data qualifier from data validation
(see data dictionary for explanation of codes).

****OTHER****
The original analyte 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.