

Cruise: GU0802, leg 2
Ship: R/V Gordon Gunter
Dates: May 11 - 31, 2008
Expocode: 33GG20080512
Chief Scientists: Denice Drass, NOAA – NMFS - SEFSC
Equipment: rosette of sampling bottles with CTD
Total number of stations: Over 90

Sample Collection

The discrete samples were collected by Denice Drass from the drain stopcock of the Niskin bottle on the rosette. The depth, salinity, and temperature were recorded from a CTD mounted on the rosette. The date (UTC), time (UTC), position, and CTD data correspond to when the sampling bottle was closed at depth.

Talk:

Sample_ID#: 21 - 60
34 locations, 40 samples each 500-ml, 6 duplicates
PI: Dr. John Morse (TAMU)
Analyzed by: Nina Keul (alkalinity and salinity)

Sample Analysis

Talk:

Multiple analyses (2 to 5) were done on each sample bottle. After the exclusion of outliers, the average TAlk was determined. The analyses of duplicate sample bottles were combined in the average. The average relative standard deviation of the duplicate analyses is 0.12%.

Salinity_Discrete:

The salinity analysis were done on a Guildline Autosol 8400A at the Geochemical and Environmental Research Group facility at TAMU.

Comments

None.

UPDATE:

Between March and June of 2021, all of the data for the discrete samples was put into a uniform format. The supporting information was checked for accuracy, especially the expocode, date, time, and positions.