Cruise: SKO604  
Dates: April 19-28, 2006  
Expocode: AGSK20060403  
Chief Scientists: N/A  
Equipment: N/A  
Total number of stations: UW

Chemical measurements:  
DIC: 23 samples each 500-ml, 10 duplicates  
PI: Rik Wanninkhof  
Collected by: Kevin Sullivan  
Analyst: Esa Peltola

Details:

**DIC-**  
Analysis dates: May 15, 2006  
Coulometers used: AOML1 and AOML2  
Blank range: 18.8-26.5 counts/min  
CRM # used and assigned value (include both DIC and salinity): Batch 66, c:1969.57 umol/kg, S:32.997  
CRM value measured: AOML 1: offset 8.0 umol/kg (1961.5 umol/kg)  
AOML-2: offset 6.3 umol/kg (1963.3 umol/kg)  
Average run time, minimum run time, maximum run time: 13 min, 9 min, 20 min  
Reproducibility: (# samples and average difference): 22 duplicate samples, average difference 1.6 umol/kg  
CRM Salinity and HgCl2 correction applied: yes  
Location of analyses files: Esa's computer file/directory/name: My Documents/SOMMA/Lab Studies/2006(4) Skogafoss SKO604/  
Remarks-  
A density correction was applied for all the samples.  
The volume correction was applied due to added HgCl2 (Measured DIC*1.00037).  
The average CRM correction was 7.1 umol/kg and was run in the beginning and end of the cell.  
The first CRM of each cell was used for a CRM correction.  
There was a good agreement between the duplicate samples, except samples S09 and S10. Also S13 differs from samples S11 and S12. No reason for these differences were found due to analysis. All 23 samples were sent to Millero's lab for alkalinity analysis

**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.