2008-26 DMS duplicates

Variability is assessed as the Relative % Difference.
No duplicates were rejected during this cruise.
See 2008-26_DMS_report.pdf for further details.

Precision statement for replicate samples drawn from a single Niskin bottle:

The pooled standard deviation for Dimethyl_Sulphide:Bottle for the range 1.04 to 2.60 nmol/l was 0.05,
k = 5 (0 outlier removed) where k is the number of pairs of duplicates.

The pooled standard deviation of pairs of samples (Sp) was calculated by:
Sp = SQRT{sum (d*d)/2k}
where k is the number of pairs and d is the difference between pairs.

Duplicate samples from a single Niskin bottle

Event Number	Sample Number	Station	Pressure dbar	DMS 1 nmol/l	DMS 2 nmol/l	Relative % Difference	Rejected yes / no	Comments
7	48	P4	20.1	1.17	1.31	11.3		
28	231	P12	20.2	1.07	1.09	1.9		
37	276	P16	20.5	1.32	1.32	0.0		
45	346	P20	19.5	1.04	1.09	4.7		
62	500	P26	19.8	2.60	2.57	1.2		