2008-01 Salinity Duplicates

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

The pooled standard deviation for Salinity:Bottle for the range 32.4912 to 34.6535 was 0.0002,
k = 4 (3 outliers 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 - Portasal analysis.

Event Number	Sample Number	Station	Pressure dbar	Salinity 1	Salinity 2	Rejected yes / no	Comment
3	14	P2	100.2	33.3022	33.3024		
24	145	P12	75.0	32.4912	32.4912		
35	221	P16	2000.8	34.5850	34.5847		
40	268	P20	2999.7	34.6535	34.6502	yes	
40	271	P20	2000.5	34.5856	34.5802	yes	
46	332	P26	2501.4	34.6321	34.6324		
46	335	P26	1248.2	34.4594	34.4566	yes	