Before doing anything, record aj and bj and then standardize. RUN1

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

3 flushes min

Date of analysis: 5/21/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 23

Room temperature: 22.8

Analyst: Mary Steel

a) Initial Standby (Ratio) value: 24+ 60336

b) Initial standard dial value(inside little rectangle): 5

Initial standard outside dial value: 71

c) Standby ratio after standardization (if changed): 24+ 60410

d) Final Standby value (at end): 24+ /

Standardization: (is the conductivity +/- 0.00001 compared to standard?) check a box below

☐ Yes- no adjustment of standard dial required

☒ No- standard dial adjusted to: (record below)

outside dial #: 78 inside dial #: 5

Vial information

K_{15} Value: .9979

Batch # P146

Batch Date: May 12 /05

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
RM-1	Copper R.				Standardize
BF-2	" "				1.99957
866-1	CB11	-	1.99819	9819	1.99958
866-2			1.99838	9839	
-3		—	1.99816	9817	
-4			1.99800	9800	
-5			1.99838	9838	
-6			1.99814	9814	
-7			1.99790	9790	
-8			1.99801	9801	
-9			1.99795	9795	
-10			1.99800	9800	
-11			1.99810	9810	
-12			1.99792	9790	
-13			1.99793	9799	
-14	"		1.99828	9828	
964	CB16		1.99742	9745	
965			1.99617	9617	
966			1.99442	9442	
9666			1.99451	9450	
966			1.99432	9432	
967			1.99373	9373	
968			1.99339	9337	
969	"		1.99235	9235	

Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18 11:15 am

AUTOSAL SALINITY ANALYSIS (2)

Date of analysis: 9c21/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24°

Sample temperature: 24°

Room temperature: 22.7

Analyst: MS

a) Initial Standby (Ratio) value: **24+** 6039

b) Initial standard dial value (inside little rectangle):

Initial standard outside dial value:

c) Standby ratio after standardization (if changed): **24+**

d) Final Standby value (at end): **24+**

Standaridization: (is the conductivity +/- 0.00001 compared to standard?) check a box below

☐ Yes- no adjustment of standard dial required

☐ No- standard dial adjusted to: (record below)

outside dial #: inside dial #:

Vial information

K_{15} Value:

Batch # _____

Batch Date: _____

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
970	CB16		1.9 9289	9289	
1096-1	CB18		1.9 9810	9810	
1096-2			1.9 9807	9812.	
1096-3			1.9 9830	9830	
1096-4			1.9 9808	9809	
1096-5			1.9 9810	9812	
1096-6			1.9 9859	9858	
1096-7			1.9 9785	9786	
1096-8			1.9 9849	9849	
1096-9			1.9 9816	9817	
1096-10			1.9 9788	9789	
1096-11			1.9 9794	9794	
1096-12	↓		1.9 9807	9807	
1120-1	CB21		1.9 9785	9785	
1120-2			1.9 9788	9788	
1120-3			1.9 9801	9801	
1120-4			1.9 9786	9786	
1120-5			1.9 9788	9788	
1120-6			1.9 9793	9793	
1120-7			1.9 9786	9786	
1120-8			1.9 9787	9788	
1120-9			1.9 9794	9794	
1120-10			1.9 9790	9790	
1120-11	↓		1.9 9788	9788	

Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

(3)

12:20pm. Lunch

Date of analysis: dec 21/06

AutoSal. model: 8400B

a) Initial Standby (Ratio) value: 24+ 6039.

Standaridization: (is the conductivity

Vial information

Serial No. 68572

b) Initial standard dial value(inside little rectangle):

+/- 0.00001 compared to standard?) check a box below

K_{15} Value:

Bath temperature: 24

Initial standard outside dial value:

☐ Yes- no adjustment of standard dial required

Batch # same

Sample temperature: 23

c) Standby ratio after standardization

☰ No- standard dial adjusted to: (record below)

Batch Date:

Room temperature: 22.9

(if changed): 24+

outside dial #:

inside dial #:

Analyst: MS

d) Final Standby value (at end): 24+

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1120-1	CB21		1.9 9789.	9790	
1120-2	CB21		1.9 9785	9785	
1132	CB21		1.9 7970	7970	resume 1pm
1143	CB19		1.9 9115	9115	
1160	↓		1.5 5237	5238	
1161	↓		1.4 9085	9085	
1162	GF06		1.9 9787	9788	
1163	↓		1.9 9783	9783	
1164-1			1.9 9737	9737	
1164-2			1.9 9728	9728	
1165			1.9 9614	9614	
1166			1.9 9467	9468	
1167			1.9 9384	9383	
1169			1.9 9196	9196	
1170			1.9 9152	9152	
1171			1.9 9120	9121	
1172			1.9 9029	9028	
1173			1.9 8128	8128	
1174			1.9 7156	7154	
1175			1.9 6168	6169	
1176			1.9 5032	5032	
1177			1.9 4219	4220	
1178			1.9 3065	3066	
1179.	↓		1.9 1167	1167	

Before doing anything, record a) and b) and then standardize.

AUTOSAL SALINITY ANALYSIS

Cruise ID: 2006-18 (4)

2pm

Date of analysis: 12/1/06

AutoSal. model: **8400B**

a) Initial Standby (Ratio) value: **24+** 6039	**Standaridization:** (is the conductivity	**Vial information**	Serial No. **68572**
b) Initial standard dial value(inside little rectangle):	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:	Bath temperature: 24
Initial standard outside dial value:	☐ Yes- no adjustment of standard dial required	Batch #	Sample temperature: 23
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:	Room temperature: 22.7
(if changed): **24+**	outside dial #: / inside dial #:		Analyst: MF
d) Final Standby value (at end): **24+**			

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1180	GF06		1.8 9785	9785	
1181	↓		1.8 5953	5953	
1182			1.8 6711	6712	
1183			1.7 6152	6153	
1184			1.7 1689	1689	
1185-1			1.4 8551	8552	
1185-2	↓		1.4 8449	8450	
1186	CB22		1.9 9830	9833	
1187-1	↓		1.9 9801	9801	
1187-2			1.9 9783	9783	
1187-3			1.9 9789	9789	
1187-4			1.9 9799	9799	
1187-5			1.9 9783	9784	
1187-6			1.9 9792	9792	
1187-7			1.9 9804	9804	
1187-8			1.9 9782	9782	
1187-9			1.9 9795	9797	
1187-10			1.9 9790	9790	
1187-11			1.9 9784	9785	
1187-12			1.9 9795	9795	
1187-13			1.9 9805	9805	
1187-14			1.9 9796	9796	
1188			1.9 9739	9739	
1189	↓		1.9 9632	9632	

Before doing anything, record a) and b) and then standardize.

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS (5)

Date of analysis: dec 21

3:10 pm - Break - 4pm

AutoSal. model: **8400B**

a) Initial Standby (Ratio) value: **24+** 6038	**Standardization:** (is the conductivity	**Vial information**	Serial No. **68572**
b) Initial standard dial value (inside little rectangle):	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:	Bath temperature: 24
Initial standard outside dial value:	☐ Yes- no adjustment of standard dial required	Batch # Comb	Sample temperature: 23
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:	Room temperature: 22.6
(if changed): **24+**	outside dial #:	inside dial #:	Analyst:
d) Final Standby value (at end): **24+** 6038			

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1190	CB-22		1.9 9451	9451	
1191	"		1.9 9371	9371	
1192	"		1.9 9291	9291	stopper 5pm
1193	"		1.9 9219	9218	rinsed w standard
1194	"		1.9 9098	9096	1.9 9960
1195	"		1.9 8764	8763	1.9 9960
1196	"		1.9 8133	8132	salinity value = 34.9924
1197	"		1.9 7037	7038	very good!!
1198	"		1.9 6219	6217	no drift
1199	"		1.9 5459	5462	
1200	"		1.9 2586	2586	
1201	"		1.9 0460	0461	
1202	"		1.8 9655	9655	
1203	"		1.8 8043	8044	
1204	"		1.8 6761	6760	
1205	"		1.8 5026	5026	
1206	"				bottle empty
1207	"		1.6 9606	9605	
1208-1	"		1.6 2105	2106	
1208-2	"		1.6 2138	2139	
1209	"		1.5 5552	5552	
1211	CBMED1		1.8 8652	8652	-4 flushes
1213	"		1.8 8131	8131	
1215-1	"		1.8 6436	3436	
1215-2	"		1.8 6433	6433	
1217	"		1.8 5225	5225	