

Cruise ID: 2006-18
11:00 am**AUTOSAL SALINITY ANALYSIS**Date of analysis: m 4/06AutoSal. model: **8400B**Serial No. **68572**Bath temperature: 24Sample temperature: 21.7Room temperature: 22.3Analyst: MBa) Initial Standby (Ratio) value: **24+** 60.39

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

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 #:

inside dial #:

Vial information

K₁₅ Value:Batch # same

Batch Date:

Initial standard outside dial value:

c) Standby ratio after standardization

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

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1641	BNS-06	Cast #99	1.9 7416	7417	
42			1.9 7304	7305	
43			1.9 7144	7144	
44			1.9 6872	6872	
45			1.9 6250	6250	
46			1.9 5090	5090	
47-1			1.9 5251	5252	
47-2			1.9 5102	5103	
48			1.9 4840	4841	
49			1.9 4167	4167	
50			1.9 3574	3574	
51			1.9 3080	3080	
52			1.9 2649	2649	
53			1.9 2490	2491	
54			1.9 2342	2341	
55			1.9 0770	0770	
56			1.8 6270	6270	
57	BNS-07	Cast #100	1.9 7454	7454	4 flushes
58-1			1.9 7441	7442	
58-2			1.9 7448	7447	
59			1.9 7418	7419	
60			1.9 7398	7398	
61			1.9 7449	7450	
62			1.9 7474	7474	

Cruise ID: 2006-18**AUTOSAL SALINITY ANALYSIS**

③

Date of analysis: Jan 4/07AutoSal. model: **8400B**Serial No. **68572**Bath temperature: 24Sample temperature: 22.5Room temperature: 22.7Analyst: JSa) Initial Standby (Ratio) value: **24+** 6038

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

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 #:

inside dial #:

Vial information

K₁₅ Value:

Batch #

Batch Date:

Initial standard outside dial value:

c) Standby ratio after standardization

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

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1663	BNS-07	Cast #100	1.9 7487	7487	
64			1.9 7455	7454	
65			1.9 7385	7385	
66	No Sample				
67	No Sample				
68					
69			1.9 6770	6769	
70			1.9 6204	6203	
71			1.9 5827	5825	
72			1.9 5516	5515	
73			1.9 4774	4773	
74			1.9 4232	4235	4235 - 1 pm
75			1.9 3770	3770	
76			1.9 3313	3313	
77-1			1.9 2828	2828	
77-2			1.9 2738	2738	
78			1.9 2697	2698	
79			1.9 2538	2539	
80			1.9 2207	2207	
81	BNS-08	Cast #102	1.8 6454	1.8 6454	
82-1			1.9 7473	1.9 7479	7478
82-2			1.9 7414	7415	
83			1.9 7420	7420	
84			1.9 7493	7493	
			1.9 7407	7407	

Cruise ID:

2006-18
2pm

AUTOSAL SALINITY ANALYSIS

(4)

Date of analysis: 3m4/07

AutoSal. model: 8400B

Serial No. 68572

Bath temperature: 24

Sample temperature: 22

Room temperature: 22.4

Analyst: W

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

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

Standardization: (is the conductivity

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

Vial information

K₁₅ Value:

Batch #

Batch Date:

☐ Yes- no adjustment of standard dial required☒ No- standard dial adjusted to: (record below)

outside dial #:

inside dial #:

Initial standard outside dial value:

c) Standby ratio after standardization

(if changed): 24+

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

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1685	BNS-08	Cast #102	1.9 7464	1.9 7466	
86			1.9 7485	7485	
87			1.9 7500	7500	
88			1.9 7515	7515	
89			1.9 7422	7423	
1690			1.9 7468	7468	
91			1.9 7173	7173	
92			1.9 6929	6934	6938 . 6940
93			1.9 6354	6355	
94			1.9 5798	5799	
95			1.9 5349	5355	5355
96			1.9 4762	4762	
97			1.9 4236	4237	
98			1.9 3418	3424	3426
99	No Sample				
1700-1			1.9 2905	2909	2909
1700-2			1.9 2855	2858	
01			1.9 2678	2678	
02			1.9 2301	2300	
03			1.9 1724	1724	
04			1.8 5910	5910	
05	BNS-09	Cast #104	1.9 7498	7498	
06			1.9 7488	7489	leak at insert
07	No Sample				

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

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

⑤

Date of analysis: Jan 4/07

AutoSal. model: **8400B**

Serial No. **68572**

a) Initial Standby (Ratio) value: **24+** 60.38

Standardization: (is the conductivity

Vial information

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

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

K₁₅ Value:

Bath temperature: 24

Initial standard outside dial value:

☐ Yes- no adjustment of standard dial required

Batch # same

Sample temperature: 22

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: MB

d) Final Standby value (at end): **24+** 60.38

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1708-1	BNS-09	Cast #1104	1.9 7494	1.9 7494	
08-2			1.9 7431	7430	
09			1.9 7348	7348	
1710			1.9 6902	6903	
11			1.9 6525	6525	
12			1.9 6275	6277	
13			1.9 5982	5984	
14			1.9 5526	5527	
15			1.9 4970	4971	
16			1.9 4412	4412	
17			1.9 3629	3630	
18			1.9 2737	2737	N-15 written & N-14 Scratch out
19			1.9 3250	3250	N-14 written N-15
1720			1.9 2636	2637	
21			1.9 2424	2425	
22			1.9 2055	2055	
23-1			1.8 6347	1.8 6348	
23-2			1.8 6379	6379	4:45 pm
					run was smooth
					no drift