

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

RUN 7

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

Date of analysis: Jan 5/07

AutoSal. model: **8400B**

Serial No. **68572**

a) Initial Standby (Ratio) value: **24+** 6040

Standardization: (is the conductivity

Vial information

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

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

K₁₅ Value: 0.99979

Bath temperature: 24

Initial standard outside dial value: 7.5

☐ Yes- no adjustment of standard dial required

Batch # P146

Sample temperature: 20

c) Standby ratio after standardization

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

Batch Date: May 12/05

Room temperature: 19.8

(if changed): **24+** 6037

outside dial #:

inside dial #:

Analyst: Mary Steel

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

7.1

5

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1725	BNS-10	Cast #105	1.9 7502	1.9 7502	leaks at insert
26			1.9 2196	2196	* 1.99958
27			1.9 7443	7444	1.99957
28			1.9 7236	7237	
29-1			1.9 6992	6992	leaks at insert
29-2			1.9 6991	6991	
1730			1.9 6537	6537	leaks at insert
31			1.9 6267	6267	
32			1.9 5840	5840	
33			1.9 5508	5508	
34			1.9 5102	5102	
35			1.9 4810	4810	
36			1.9 4317	4324	4325
37			1.9 3719	3719	
38-1			1.9 3138	3138	
38-2			1.9 3143	3143	
39			1.9 2655	2653	
1740			1.9 2264	2263	
41			1.9 1719	1719	
43	BNS-11	Cast #107	1.9 7477	7477	4 flushes
44			1.9 7455	7456	
45			1.9 7249	7249	
46-1			1.9 6986	6986	
46-1			1.9 6965	6965	

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Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

(2)

Date of analysis: mm5/07

AutoSal. model: **8400B**

Serial No. **68572**

a) Initial Standby (Ratio) value: **24+** 6035

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 # canal

Sample temperature: 21

c) Standby ratio after standardization

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

Batch Date:

Room temperature: 20.9

(if changed): **24+**

outside dial #:

inside dial #:

Analyst: PAJ

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

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1747	BNS-11	Cast # 107	1.9 6708	1.9 6708	
48			1.9 6285	6283	
49			1.9 5970	5970	
50			1.9 5620	5621	
51			1.9 5269	5272	5283 5289 5283
52			1.9 4888	4887	
53			1.9 4386	4386	
54			1.9 3882	3883	
55			1.9 3106	3106	
56			1.9 2614	2614	
57-1			1.9 2199	2199	
57-2			1.9 2207	2207	
58			1.9 0967	0967	
59			1.8 8039	1.8 8038	
1760			1.8 6688	6688	
60	BNS-12	Cast # 109	1.9 7295	1.9 7295	-4 g/Lucifer
62-1			1.9 7014	7014	
62-2			1.9 7014	7015	
63			1.9 6783	6783	
64			1.9 6583	6583	
65			1.9 6219	6222	6224 6224
66			1.9 5639	5639	
67			1.9 5221	5220	
68			1.9 4862	4863	

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

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

(3)

Date of analysis: Jan 5/07

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 21

Room temperature: 21.6

Analyst: MB

a) Initial Standby (Ratio) value: **24+** 6035

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+**

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 #: _____

K₁₅ Value: _____

Batch #: _____

Batch Date: _____

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1769	BNS-12	Cast #109	1.9 4635	1.9 4635	
1770			1.9 4255	4255	
71			1.9 3722	3722	
73			1.9 3243	3243	
74			1.9 2533	2533	
75			1.9 0743	0743	
76			1.8 9383	1.8 9382	
77			1.8 7710	7710	
78			1.8 5453	5453	
79	BNS-13	Cast #111	1.9 7048	7050	7054
1780			1.9 7061	7061	
81			1.9 6948	6951	6951
82			1.9 6633	6633	
83			1.9 5973	5973	
84			1.9 5634	5635	
85			1.9 5307	5308	
86			1.9 4920	4920	
87			1.9 4436	4437	
88			1.9 3944	3943	
89			1.9 3574	3574	
1790			1.9 2851	2852	
91			1.9 2313	2313	
92			1.9 1751	1751	
93			1.9 0540	0540	

