Cruise ID: 2006-18 11:20

AUTOSAL SALINITY ANALYSIS

RUNS ①

Date of analysis: m3/07

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 22

Room temperature: 22.1

Analyst: Mary Steel

a) Initial Standby (Ratio) value: **24+** 6041

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

Initial standard outside dial value: 7.8

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: 0.99979

Batch # P146

Batch Date: May 12/05

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1516	B-01	Cast 92	1.9 7492	7492	
~~1516~~					
1517			1.9 7521	7521	1.9 9958
18			1.9 7500	7500	1.9 9957
19			1.9 7461	7461	1.9 9958
20			1.9 7454	7454	1.9 9957
21			1.9 7307	7308	
22			1.9 6919	6919	
23			1.9 6852	6852	
24			1.9 6495	6496	
* 1525-1			1.9 6155	6155	
26			1.9 5659	5659	
27			1.9 5102	5102	
28			1.9 4502	4502	leaks at insert
29			1.9 3918	3918	
1530	▽		1.9 3436	3437	
31-1	B-01	Cast #94	1.9 3058	3059	
31-2			1.9 3060	3060	
32			1.9 2688	2688	
33			1.9 2373	2377	2377
34			1.9 2029	2029	
35			1.9 0984	0984	
36	▽		1.8 6975	1.8 6974	
37	BNS-02		1.9 7471	1.9 7471	

* 1525-2 = 1.9 6188 6188

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS (2)

pag 12:20 pm

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 #: Surf

Batch Date:

Date of analysis: Jan 3/07

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 22.

Room temperature: 22.4

Analyst: MZ

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1538-1	BNS-02		1.9 7452	7451	
38-2			1.9 7451	7452	
39			1.9 7458	7457	
1540			1.9 7439	7439	
41			1.9 7401	7401	
42			1.9 7414	7414	
43			1.9 7458	7458	
44			1.9 7536	7537	
45			1.9 7433	7434	
46			1.9 7257	7257	leaks at insert
47			1.9 7064	7064	
48			1.9 6726	6726	
49			1.9 6175	6175	
1550			1.9 5733	5733	
51			1.9 5321	5321	
52			1.9 4771	4773	4775
53			1.9 4288	4288	
54			1.9 3665	3665	
55-1			1.9 3147	3147	
55-2			1.9 3135	3135	
56			1.9 2794	2794	
57			1.9 2541	2541	
58			1.9 2269	2269	
59			1.9 1956	1956	

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

(3)

1:35 pm

a) Initial Standby (Ratio) value: **24+** 6039	**Standaridization:** (is the conductivity	**Vial information**	Date of analysis: m3/07
b) Initial standard dial value(inside little rectangle):	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:	AutoSal. model: **8400B**
Initial standard outside dial value:	☐ Yes- no adjustment of standard dial required	Batch # Same	Serial No. **68572**
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:	Bath temperature: 24.
(if changed): **24+**	outside dial #:	inside dial #:	Sample temperature: 22.5
d) Final Standby value (at end): **24+**			Room temperature: 22 4
			Analyst: M

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1560	BNS-02		1.9 2297	2297	
1561-1	BNS-03		1.9 7457	7457	
61-2			1.9 7469	7469	
62			1.9 7457	7457	
63			1.9 7466	7466	
64			1.9 7432	7432	
65			1.9 7393	7393	
66			1.9 7421	7421	
67			1.9 7476	7476	
68			1.9 7512	7512	
69			1.9 7413	7413	
1570			1.9 7206	7207	
71			1.9 7005	7006	
72			1.9 6695	6696	
73			1.9 6299	6300	
74			1.9 5872	5873	
75			1.9 5397	5396	
76			1.9 4931	4942	4942
77			1.9 4303	4303	
78			1.9 3722	3722	
79			1.9 3202	3202	
80			1.9 2875	2875	
81			1.9 2504	2504	
82-1			1.9 2107	2107	
82-2			1.9 2105	2106	

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AUTOSAL SALINITY ANALYSIS

2:35 pm. -Break-talk to Bill W.

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

Date of analysis: Jan 3/07.
AutoSal. model: 8400B
Serial No. 68572
Bath temperature: 24
Sample temperature: 22.
Room temperature: 22.4
Analyst: MR

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1583	BNS-03		1.9 1389	1389	
84	"		1.8 6021	6021	
85	BNS-04		1.9 7480	7482	4 flushes
86			1.9 7460	7460	
87			1.9 7453	7453	
88			1.9 7477	7477	
89-1			1.9 7434	7434	
89-2			1.9 7402	7402	
1590			1.9 7417	7417	
91			1.9 7468	7468	
92			1.9 7496	7496	
93			1.9 7461	7462	
94			1.9 7346	7347	
95			1.9 7113	7114	
96			1.9 6092	6093	leaks at insert.
97			1.9 5863	5863	
98			1.9 5284	5284	
99			1.9 4990	4990	
1600-1			1.9 4235	4235	
00-2			1.9 4232	4231	
01			1.9 3598	3598	leaks at insert.
02			1.9 3047	3047	
03			1.9 2812	2812	
04	↓		1.9 2572	2572	

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

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Date of analysis: m3/07

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 22

Room temperature: 22.7

Analyst: [illegible]

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+** 6039

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 # Can

Batch Date:

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1605	BNS-04		1.9 2330	1.9 2330	
06			1.9 2074	2074	
07			1.9 1145	1146	
08			1.8 5549	1.8 5549	
* 98-1	BNS-05	Cast #98	1.9 7482	1.9 7484	
98-2			1.9 7455	7456	
-3			1.9 7486	7486	
-4-1			1.9 7422	7422	
-4-2			1.9 7422	7423	
-5			1.9 7459	7459	
-6			1.9 7416	7416	
-7			1.9 7461	7461	
-8			1.9 7496	7495	
-9			1.9 7411	7411	
-10			1.9 7284	7284	5:15 pm
-11					stable run.
-12					
-13					
-14					
-15					
-16-1					
-16-2					leak
					leak
					leak