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

AUTOSAL SALINITY ANALYSIS

RUN 4

Cruise ID: 2006-18

9:15 am. Break to:

a) Initial Standby (Ratio) value: 24+ 6042	Standaridization: (is the conductivity	Vial information	Date of analysis: 2C28/06
b) Initial standard dial value (inside little rectangle): 5	+/- 0.00001 compared to standard?) check a box below	K_{15} Value:	AutoSal. model: 8400B
Initial standard outside dial value: 7.8	☑ Yes- no adjustment of standard dial required	Batch # P140	Serial No. 68572
c) Standby ratio after standardization	☐ No- standard dial adjusted to: (record below)	Batch Date:	Bath temperature: 24
(if changed): 24+ N/A	outside dial #:	inside dial #:	May 12/05	Sample temperature: 21
d) Final Standby value (at end): 24+				Room temperature: 20
				Analyst: Mary Steel

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1415	BEW-05		1.9 7479	7479	9am.
1416			1.9 7455	7455	Cal check
1417			1.9 7363	7363	1.99958 - OK
1418-1			1.9 7387	7388	1.99958 - OK
1418-2			1.9 7388	7389	
1419			1.9 6855	6862	6862
1420			1.9 7352	7352	
1421			1.9 6550	6550	
1422			1.9 5763	5763	
1423			1.9 5385	5383	
1424			1.9 5073	5073	
1425			1.9 4702	4702	
1426			1.9 4044	4045	
1427			1.9 3497	3498	
1428			1.9 3061	3071	3071
1429-1			1.9 2908	2908	
1429-2			1.9 2908	2908	
1430			1.9 1582	1582	
1431			1.9 0696	0697	
1432			1.8 9765	1.8 9765	
1433			1.8 9316	9317	
1434	↓		1.8 9182	9183	
1435	BEW-04		1.9 7436	1.9 7436	- 4 Shrubs
1436-1	"		1.9 7438	7436	leaking insert

Cruise ID: 2006-18 11am

AUTOSAL SALINITY ANALYSIS ②

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

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 #:

Vial information

K_{15} Value:

Batch # Cyl 2

Batch Date:

Date of analysis: 28/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 20.5

Room temperature: 20.

Analyst: [illegible]

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1436-2	BEW-04		1.9 7433	7434	
1437			1.9 7413	7413	
1438			1.9 7417	7418	- leaking from insert
1439			1.9 7466	7462	.7462
1440-1			1.9 7454	7454	
1440-2			1.9 7455	7455	
1441			1.9 7447	7447	
1442			1.9 7440	7439	
1443			1.9 7441	7441	
1444			1.9 7381	7381	
1445			1.9 7243	7243	
1446			1.9 6995	6995	
1447-1			1.9 6393	6393	
1447-2			1.9 6401	6401	
1448			1.9 5902	5901	
1449			1.9 5447	5447	
1450			1.9 5097	5097	
1451			1.9 4590	4590	
1452			1.9 4095	4095	
1453			1.9 3423	3425	
1454			1.9 3115	3115	
1455			1.9 2720	2720	
1456			1.9 2205	2205	- ~~cap~~ insert ½ out
1457	↓		1.9 1898	1898	

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

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

12:30 - 1:30 2:30

a) Initial Standby (Ratio) value: **24+** 6040	**Standaridization:** (is the conductivity	**Vial information**	Date of analysis: Dec 28/06
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: 21.
d) Final Standby value (at end): **24+**			Room temperature: 21.
			Analyst: MS

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1458	BEW-04		1.8 8456	1.8 8456	
1459	BEW-03		1.9 7523	1.9 7523	
1460-1			1.9 7483	7483	
1460-2			1.9 7501	7511	7511
1461			1.9 7450	7450	
1462			1.9 7412	7412	
1463			1.9 7418	7418	
1464			1.9 7455	7456	
1465			1.9 7483	7483	
1466			1.9 7472	7471	
1467			1.9 7453	7454	
1468			1.9 7260	7260	
1469			1.9 7107	7108	
1470			1.9 6935	6935	
1471-1			1.9 6461	6461	
1471-2			1.9 6459	6459	
1472			1.9 5939	5939	
1473			1.9 5414	5418	5421
1474			1.9 4840	4840	
1475			1.9 4340	4340	
1476			1.9 3818	3819	
1477			1.9 3296	3297	
1478			1.9 3036	3036	
1479			1.9 2710	2710	

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

Cruise ID: 2006-18

AUTOSAL SALINITY ANALYSIS

④

Date of analysis: Dec 28/06

AutoSal. model: **8400B**

Serial No. **68572**

Bath temperature: 24

Sample temperature: 21

Room temperature: 20.7

Analyst: MB

a) Initial Standby (Ratio) value: **24+** 6041 2:45 pm.

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 # Same

Batch Date:

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1480	BEW-03		1.9 2423	2423	
1481	↓		1.9 0346	0346	
1482			1.8 8109	8110	
1483	BEW-02		1.9 7455	7455	
1484			1.9 7453	7454	
1485-1			1.9 7453	7453	
1485-2			1.9 7453	7453	
1486			1.9 7427	7427	
1487			1.9 7423	7423	
1488			1.9 7436	7435	
1489			1.9 7471	7471	leaking insert
1490			1.9 7514	7515	
1491-1			1.9 7431	7431	
1491-2			1.9 7433	7433	
1492			1.9 7250	7250	
1493			1.9 7080	7080	
1494			1.9 6871	6871	leaking insert
1495			1.9 6450	6450	
1496			1.9 5965	5965	
1497			1.9 5551	5551	
1498			1.9 5020	5020	
1499			1.9 4449	4449	
1500			1.9 3786	3786	
1501	↓		1.9 3318	3319	

Cruise ID: 2006-18 3:45 - 4:45

AUTOSAL SALINITY ANALYSIS

(5)

a) Initial Standby (Ratio) value: 24+ 6040	Standaridization: (is the conductivity	Vial information	Date of analysis: Dec 28/06
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 # Conc	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: 21
d) Final Standby value (at end): 24+ 6040			Room temperature: 21.
			Analyst: MS

Sample	Station Name	Depth	Ratio 1	Ratio 2	Ratio 3 (if needed) and/or Comments
1501-2	BEW-02		1.9 3333	3334	
1502			1.9 2905	2906	
1503			1.9 2532	2532	
1504			1.9 2408	2409	
1505			1.9 2147	2148	
1506			1.8 6491	6491	
1507-1	B-01	Cast 92	1.9 7452	7451	- 4 Standards.
1507-2			1.9 7462	7461	
1508			1.8 9885	1.8 9885	
1509			1.9 7469	1.9 7468	
1510			1.9 7427	7426	
1511			1.9 7437	7433	7435
1512			1.9 7408	7408	
1513			1.9 7431	7437	7438
1514-1			1.9 7445	7445	
1514-2			1.9 7449	7451	
1515			1.9 7465	7465	- no drift.
~~16~~					
~~17~~					24 + 6040
~~18~~					
~~19~~					
~~20~~					
21					
22					