Water Properties Group — Institute of Ocean Sciences, Ocean Sciences Division

2nd set of 1036 – 1057. 3 flush minimum

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2009-20	Cast/Station Name: LSSL start 1036	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B.	Serial Number: 69086.	
Initial Standby Value: 24 + 6075	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard →	Before: 0.999781	K_{15} VALUE: 0.999 78.	Bath Temperature: 24 °C
	After: correction	Batch #: P150	Sample Temperature: 23.3 °C
	Notes: -0.000001	Batch Date: 05/22/08	Room Temperature: 23.5 °C
			Analyst: Mary Steal

Sample	Station Name	~~Depth~~/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
-check water sample-			1.79610	1.79611		5 flushes b4 read
1036	CB-21	1	1.9 9770	1.9 9771		
1037		2	9769	9771		
1038		3	9768	9768		
1039		4	9799	9801		leaks.
1040		5	9768	9768		
1041		6	9773	9773		
1042		7	9759	9758		leaks
1043		8	9769	9769		
1044		9	9860	9860		leaks
1045		10	9767	9767		"
1046		11	9823	9823		"
1047		12	9766	9767		"
1048		13	9766	9766		
1049		14	9762	9760		"
1050		15	9768	9769		
1051		16	9774	9774		
1052		17	9789	9789		
1053		18	9758	9759		leaks
1054		19	9766	9766		
1055		20	9753	9754		
1056		21	9722	9724		
1057	↓	22	9703	9702		
1060	CB-6e	1	1.9 9777	1.9 9780		4 flushes
1061	↓	2	9768	9768		Final Standby Value: leaks
1062	↓	3	9753	9754		

Notes: very stable machine today.

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AUTOSAL ANALYSIS LOGSHEET 11:30 am

Cruise ID: 2009-20	Cast/Station Name: LSSL.	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B.	Serial Number: 69086.	
Initial Standby Value: 6075.	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard →	Before:	K_{15} VALUE: 0.999 78	Bath Temperature: 24. °C
	After: same	Batch #: same.	Sample Temperature: 23.1 °C
	Notes:	Batch Date:	Room Temperature: 23.6. °C
			Analyst: Mary Steel

Sample	Station Name	~~Depth~~/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
-checkwater Sample-			1.79607	1.79612	1.79612	5 flushes b4 read
1063	CB-6e	4	1.9 9718	1.9 9718		
1064		5	9570	9569		
1065		6	9381	9380		
1066		7	9318	9317		
1067		8	9142	9141		
1068		9	9204	9204		
1069		10	9069	9069		
1070		11	8640	8642		
1071		12	7078	7078		
1072		13	7125	7125		leaks
1073		14	5293	5295		leaks
1074		15	3224	3224		
1075		16	1151	1152		
1076		17	0569	0568		
1077		18	1.8 8490	1.8 8484	1.8 8487	leaks
1078		19	6987	6988		
1079		20	4560	4561		
1080		21	1.7 9252	1.7 9252		leaks
1081		22	3622	3622		leaks
1082		23	1.4 5465	1.4 5464		
1083	↓	24	1.4 5456	1.4 5456		
1084	CB-21	1	1.8 3915	1.8 3919	1.8 3920	4 flushes leaks
1085	↓	2	3325	3325		
1088		5	1.7 8245	1.7 8248		~~Final Standby Value:~~ leaks
1089	↓	6	5773	5773		

Notes:

Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

1:30 pm.

Cruise ID: 2009-20	Cast/Station Name: LSSL	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B	Serial Number: 69086	
Initial Standby Value: 60755	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard →	Before:	K_{15} VALUE: 0.999 78	Bath Temperature: 24 °C
	After: same	Batch #: same	Sample Temperature: 23.3 °C
	Notes:	Batch Date:	Room Temperature: 23.9 °C
			Analyst: Mary Steel

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
-check water sample-			1.79619	1.79620		5 flushes b4 read
1090	CB-21	7	1.7 2910	1.7 2909	1.7 2908	
1091	↓	8	0264	0266		
1092		9	1.6 4406	1.6 4404		
1093		10	1.5 9582	1.5 9584		
1094		11	8549	8550		
1095		12	1334	1329	1.5 1328	
1096		13	1.4 9208	1.4 9206		
1097		14	8823	8823		
1098		15	8715	8716		
1099	↓	16	8748	8748		
1100	CB22	1	1.9 9811	1.9 9812		4 flushes
1101	↓	2	9776	9776		
1102		3	9775	9775		leaks
1103		4	9767	9765		"
1104		5	9714	9717		"
1105		6	9587	9584		
1106		7	9464	9464		
1107		8	9286	9288		
1108		9	9210	9212		
1109		10	9158	9158		
1110		11	9006	9008		leaks
1111		12	8189	8191		
1112		13	7120	7120		
1113		14	2925	2924		Final Standby Value:
1114	↓	15	3299	3299		

Notes:

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AUTOSAL ANALYSIS LOGSHEET 2:30 pm

Cruise ID: 2009-20	Cast/Station Name: LSSL	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B	Serial Number: 69086	
Initial Standby Value: 60774	~~Ratio After Standardization~~:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.999 78	Bath Temperature: 24. °C
	After: Same	Batch #: Same	Sample Temperature: 23.3 °C
	Notes:	Batch Date:	Room Temperature: 24.1 °C
			Analyst: Mary Steel

Sample	Station Name	~~Depth~~/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
2nd – check water	Sample –	1.79615	1.79616		5 flushes b4 read	
1st 1115	CB-22	16	1.90751	1.90750		
3rd 1116	"	17	.0139	0139		4 flushes
1117		18	1.88858	1.88859		
1118		19	6399	6401		
1119		20	3538	3537		
1120		21	1.77973	1.77973		
1121		22	1.66614	1.66614		leaks
1122		23	1.56788	1.56786		
1123	↓	24	1760	1760		
1124	CABOS	1	1.99480	1.99485	1.99485	4 flushes.
1125		2	9413	9413		
1126		3	9340	9340		
1127		4	9297	9294	9294	
1128		5	9246	9246		leaks
1129		6	9190	9192		
1130		7	9112	9114		
1131		8	9009	9008		
1132		9	8607	8608		
1133		10	8139	8139		
1134		11	7106	7104		
1135		12	4922	4922		
1136		13	2797	2797		
1137		14	0811	0811		
1138		15	1.89914	1.89914		~~Final Standby Value~~:
1139	↓	16	8153	8154		leaks

Notes: _____

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AUTOSAL ANALYSIS LOGSHEET

4 pm.

Cruise ID: 2009-20	Cast/Station Name: LSSL	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B	Serial Number: 69086	
Initial Standby Value: 6074	~~Ratio After Standardization:~~	3 flushes minimum

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.999 78	Bath Temperature: 24 °C
	After: same	Batch #: same	Sample Temperature: 23.7 °C
	Notes:	Batch Date:	Room Temperature: 24.1 °C
			Analyst: MaySteel

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
-check water sample-			1.79611	1.79610		5 flushes b4 read
1140	CABOS	17	1.8 6620	1.8 6622		4 flushes.
1141		18	3048	3050		
1142		19	1.7 6696	1.7 6695		
1143		20	4585	4584		
1144		21	1.69338	1.69339		
1145		22	1.5 9268	1.5 9269		
1146		23	9237	9243	1.5 9244	
917	CB-17	1	1.9 9777	1.9 9777		4 flushes.
918		2	9817	9817		
919		3	9760	9760		
920	———	bottle	empty	———	———	no sample
921		5	1.9 9581	1.9 9582		
922		6	9411	9411		
923		7	9309	9312	9312	
924		8	9274	9276		
925		9	9151	9151		
926		10	9063	9064		leaks.
927		11	8632	8631		
928		12	8032	8032		
929		13	7097	7099		
930		14	5104	5104		
931		15	2915	2916		
932		16	0727	0727		
933		17	1.8 9589	1.8 9590		~~Final Standby Value:~~ leaks
934		18	8086	8088		

Notes: _____

Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2009-20	Cast/Station Name: LSSL	Analysis Date (dd | mmm | yyyy): 20 | 01 | 2010
Autosal Model: 8400B	Serial Number: 69086	
Initial Standby Value: 6074	Ratio After Standardization: 3 flushes minimum	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard →	Before:	K_{15} VALUE: 0.999 78	Bath Temperature: 24 °C
	After: same	Batch #: same	Sample Temperature: 23.3 °C
	Notes:	Batch Date:	Room Temperature: 24.1 °C
			Analyst: Mary Steel

Sample	Station Name	~~Depth~~/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
935	CB-17	19	1.86417	1.86417		
936	↓	20	4709	4715	4715	
937		21	1150	1156	1156	
938		22	1.77606	1.77606		leaks.
939		23	1.54111	1.54111		
940	↓	24	1.53402	1.53402		
check water sample			1.79605	1.79606		5 flushes b4 read
DWS-4			1.99783	1.99781		4 flushes
DWS-5			1.99771	1.99770		
						Zero : -0.00002
						Standby : 6075
						R_S Value 5.88
						Lab Temp 24.1
						Final Standby Value:

Notes: