INSTITUTE OF OCEAN SCIENCES
Ocean Sciences and Productivity

Autosal Analysis Sheet

Run 6

Date: Aug 16/2004
Analyst: Andrew Hamilton
start time = 1:10am

Standby:	before calibration: 24 + 6287				
	after calibration: 24 + 6289		Salinometer		
Vial Infor.:	K_{15} = 0.99987		Model # S/MK	Bath temp.: 24°C	
	Batch # P144		Serial # 49463	Sample temp.: 22°C	
	Batch Date: 23-Sept-03		Zero: 0.00002	Room temp.: 22°C	

RS = 5.41 → 5.41

Sample #	Station Id	Bottle # / Depth m	Autosal Conductivity Reading #1	#2	#3	Average	Salinity ppt Computed	Remarks
STD CAL			1.99974	1.99974	1.99974			RS → 5.41 (leave same)
296	22	14	1.95818	1.95819	1.95818			Stn CB - 7
297	"	15	1.94557	1.94558	1.94558			"
298	"	16	1.93472	1.93472	1.93472			"
299	"	17	1.90911	1.90912	1.90912			"
300	"	18	1.88767	1.88770	1.88770			"
301	"	19	1.87959	1.87959	1.87960			"
302	"	20	1.86261	1.8626	1.86261			"
303	"	21	1.84034	1.84035	1.84036			"
304	"	22	1.78000	1.77999	1.77998			"
305	"	23	1.75101	1.75099	1.75099			"
306	"	24	1.65607	1.65606	1.65606			"
307	23	1	1.99779	1.99779	1.99781			Stn CB - 8
309	"	2	1.99784	1.99784	1.99785			" - Duplicate
308	"	2	1.99782	1.99783	1.99784			"
309	"	3	1.99783	1.99787	1.99783			"
310	"	4	1.99751	1.99751	1.99751			"
311	"	5	1.99708	1.99708	1.99709			"
311	"	5	1.99709	1.99709	1.99709			" - Duplicate
312	"	6	1.99552	1.99552	1.99552			"
313	"	7	1.99356	1.99355	1.99356			"
314	"	8	1.99296	1.99297	1.99297			"
315	"	9	1.99122	1.99122	1.99123			"
316	"	10	1.99036	1.99036	1.99034			"
317	"	11	1.98787	1.98787	1.98787			" - Duplicate
317	"	11	1.98787	1.98788	1.98787			"

Room temp: 22.5°C

INSTITUTE OF OCEAN SCIENCES
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Autosal Analysis Sheet

Date: Aug 16/04
Analyst: Andrea Hamilton

Standby:	before calibration: 24462				
	after calibration:		Salinometer		
Vial Infor.:	K_{15} =		Model # 8400A	Bath temp.:	
	Batch #		Serial # 49463	Sample temp.:	
	Batch Date:		Zero: -0.00002	Room temp.:	

			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	Remarks
318	23	12	1.98018	1.98020	1.98019			Stn CB-8
319	"	13	1.96905	1.96907	1.96905			"
320	"	14	1.95312	1.95312	1.95311			"
321	"	15	1.93779	1.93778	1.93778			"
322	"	16	1.92473	1.92473	1.92474			"
323	"	17	1.90569	1.90563	1.90562			"
324	"	18	1.88855	1.88856	1.88857			"
325	"	19	1.89061	1.89061	1.89061			"
STD			1.99987	1.99986				@ 2:56AM
326	"	20	1.88870	1.88870	1.88870			Stn CB-8
327	"	21	1.88688	1.88688	1.88688			"
328	"	22	1.84043	1.84042	1.84041			"
329	"	23	1.80125	1.80124	1.80124			"
330	"	24	1.78259	1.78259	1.78258			"
331	24	1	1.99787	1.99786	1.99786			Stn CB-9
332	"	2	1.99786	1.99786	1.99786			"
332	"	2	1.99785	1.99786	1.99785			- Duplicate
333	"	3	1.99783	1.99782	1.99782			"
334	"	4	1.99765	1.99766	1.9966			"
335	"	5	1.99716	1.99717	1.99717			"
335	"	5	1.99718	1.99721	1.99718			" - Duplicate
336	"	6	1.99576	1.99576	1.99575			"
337	"	7	1.99360	1.99361	1.99361			"
338	"	8	1.99336	1.99337	1.99336			"
339	"	9	1.99286	1.99285	1.99285			"
340	"	10	1.99244	1.99247	1.99250			"

INSTITUTE OF OCEAN SCIENCES
Ocean Sciences and Productivity

Autosal Analysis Sheet

Date: Aug 16/04
Analyst: Andrew Hamilton

END Time: 5:02 Am

RS: 5.41

Standby Val	before calibration:	241 6287			
	after calibration:	241 6287	Salinometer		
Vial informat	K_{15} =	0.99987	Model #	8400A	Bath temp.: 24°C
	Batch #	P144	Serial #	49463	Sample temp.: 21.2°C
	Batch Date:	23-Sept-03	Zero:	−0.00002	Room temp.: 22.3°C

			Autosal Conductivity Reading				Salinity ppt	
Sample #	Station Id	Depth m	#1	#2	#3	Average	Computed	Remarks
341	24	11	1.99029	1.99030	1.99032			StnCB - 9
341	"	11	1.99031	1.99031	1.99030			" - Duplicate
342	"	12	1.98121	1.98121	1.98121			"
343	"	13	1.97019	1.97021	1.97022			"
344	"	14	1.95664	1.95663	1.95664			"
345	"	15	1.94042	1.94041	1.94041			"
346	"	16	1.92413	1.92414	1.92413			"
347	"	17	1.90871	1.90875	1.90876			"
348	"	18	1.89098	1.89099	1.89094			"
349	"	19	1.88184	1.88184	1.88184			"
350	"	20	1.87308	1.87307	1.87308			"
351	"	21	1.84844	1.84846	1.84846			"
352	"	22	1.78615	1.78616	1.78616			"
353	"	23	1.77503	1.77505	1.77504			"
354	"	24	1.71509	1.71510	1.71510			"
355	25	1	1.99788	1.99788	1.99788			StnCB - 9 (2)
355	"	1	1.99789	1.99787	1.99789			" - Duplicate
356	"	2	1.99791	1.99791	1.99791			"
357	"	3	1.99791	1.99791	1.99791			"
357	"	3	1.99790	1.99790	1.99790			" - Duplicate
358	"	4	1.99790	1.99790	1.99789			"
359	"	5	1.99782	1.99782	1.99781			" - Duplicate
STB			1.99981	1.99981	1.99982			@ 5:02
							Recal	STB: 241 6280
								RS: 5.33

End Room temp: 22°C Samp: 21.8°C