Submitted 31 July 2019

2019-045

Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: ~~2019-044~~	Cast/Station Name: Various	Analysis Date (dd | mmm | yyyy): 26 | July | 2019
Autosal Model: 8400B	Serial Number: 68872	
Initial Standby Value: 24+6005	Ratio After Standardization: 24+6007	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before: 5.10	K_{15} VALUE: 0.999 87	Bath Temperature: 24 °C
	After: 5.12	Batch #: P161	Sample Temperature: 22.5 °C
	Notes:	Batch Date: 3 May 2020	Room Temperature: 22.5 °C
			Analyst: KS

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
P161	Calibration		~~1.99972~~	1.	Very slight adjustment ↑	
|			1.99972	1.99974		↓ Accepted
↳	ran as sample		1.99974	1.99973		measured sal = 34.9946
DWR			1.97879	1.97881		stated sal = 34.995
DWR			1.97881	1.97879		
DWR			1.97879	1.97880		

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AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2019-045	Cast/Station Name:	Analysis Date (dd | mmm | yyyy): 26 | July | 2019
Autosal Model: 8400B	Serial Number: 68572	
Initial Standby Value: 24 + 6007	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.999	Bath Temperature: 24 °C
	After:	Batch #:	Sample Temperature: 22.8 °C
	Notes:	Batch Date:	Room Temperature: 22.8 °C
			Analyst: KS

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
16A	42	1	1.80314	1.80315		
14B	39	1	1.80997	1.80995		
7B	12	1	1.78286	1.78285		
1A	GEO1	1	1.81041	1.81038		no sample # on label
16B	42	1	1.80309	1.80310		
14A	39	1	1.80997	1.80996		
1B	GEO1	1	1.81041	1.81040		
9B	22	1	1.80000	1.89999		- Must calculate manually Software didn't like logging b/w suppression values.
9A	22	1	1.80012	1.80013		
7A	12	1	1.78286	1.78285		
DWR			1.97880	1.97879		

16A SAL 42 2019-045 Bot 1

14B SAL 39 2019-045 Bot 1

7B Sal 12 2019-045 Bot 1

Sal GEO1 2019-045 Bot 1

16B SAL 42 2019-045 Bot 1

14A SAL 39 2019-045 Bot 1

1B Sal GEO1 2019-045 Bot 1

9B Sal 22 2019-045 Bot 1

9A Sal 22 2019-045 Bot 1

7A Sal 12 2019-045 Bot 1

Final Standby Value:

Notes: