Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2024-001	Cast/Station Name: Inlets	Analysis Date (dd mmm yyyy): 20 Mar 2024
Autosal Model: 8400B	Serial Number: 73274	
Initial Standby Value: 24 + 5985	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.99987	Bath Temperature: 24 °C
	After:	Batch #: P166	Sample Temperature: 22 °C
	Notes:	Batch Date: 6·Apr·2025	Room Temperature: 21.8 °C
			Analyst: CI / MM / SFA

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
146	BUR1	0	1.76518	1.76517		
132	BUR1	b-5	1.89602	1.89601		
140	BUR1	50	1.78856	1.78858		
165	BUR5	0	1.73765	1.73766		
149	BUR5	b-5m	1.91489	1.91489		
157	BUR5	50	~~1.80156~~	1.80150	1.80150	
168	BUR8	b-5	1.91428	1.91428		
183	BUR7	b-10	1.91487	~~1.91492~~	1.91488	
181	BUR8	0	1.71442	1.71443		
175	BUR8	50	~~1.81011~~	1.81020	1.81018	
194	DE09	50	1.80579	1.80581		
185	DE09	b-5m	1.91348	1.91350		
200	DE09	0	1.68551	1.68550		
212	DE04	50	1.79094	1.79097		
218	DE04	0m	1.76605	1.76598	1.76596	
203	DE04	b-5m	1.90905	1.90904		
253	RO2	b-5m	1.82095	1.82096		
257	RO2	50m	1.80565	1.80565		
250	RO4	0m	1.30739	1.30739		
244	RO4	50m	1.81561	1.81562		
231	Fis2	50m	1.79194	1.79196		
240	RO4	b-5m	1.84996	1.84996		
237	Fis2	0m	1.75613	1.75614		
221	Fis2	b-5m	1.89789	1.89789		
448	BROCHAN	0	1.73087	1.73087		Final Standby Value:
398	E18	0	1.47473	1.47473		24 + 5983/4

Notes: using standard values from 19·Mar·2024

DWR: 1.97874 1.97872

34.5808 psu

Evt #68
Fresh-Reg
P23
2024-002
2005 m
bot 1-2

Version: 20 April 2016 ...perties.ca

Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2024-001	Cast/Station Name: ~~c~~ inlets	Analysis Date (dd mmm yyyy): 20 Mar 2024
Autosal Model: 8400B	Serial Number: 73274	
Initial Standby Value: 24+ 5983/4	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.99987	Bath Temperature: 24 °C
	After:	Batch #: P166	Sample Temperature: 22 °C
	Notes:	Batch Date: 6·Apr·2025	Room Temperature: 20.7 °C
			Analyst: CI

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
409	R13	50	1.79760	1.79762		
401	R13	6-5	1.91166	1.91167		
437	BROCHAN	6-5	1.88895	1.88894		
415	R13	0	1.70647	1.70647		
420	R11	6-5	1.91078	1.91080		
428	R11	50	1.79518	1.79519		
434	R11	0	1.74161	1.74160		
442	BROCHAN	50	1.80173	1.80173		
451	LO1C	6-5	1.77087	1.77088		
463	LO1C	0	1.35233	1.35233		
457	LO1C	50	1.72816	1.72819		
466	LO5	6-5	1.77099	1.77098		
471	LO5	50	1.73027	1.73027		
477	LO5	0	1.69215	1.69216		
29	KN10	50	1.~~76727~~	1.76731	1.76731	
21	KN10	6-5	1.81342	1.81343		
35	KN10	0	1.63679	1.63679		
38	KN8	6-5	1.81586	1.81590		
47	KN8	50	1.77121	1.77124		
53	KN8	0	1.69118	1.69119		
85	KN2	0	1.74051	1.74052		
77	KN2	50	1.77513	1.77516		
18	KN6	0	1.69072	1.69070		
12	KN6	50	1.77005	1.77006		
71	KN4	0	1.70549	1.70549		Final Standby Value:
56	KN4	6-5	1.81444	1.81444		24+5983

Notes: using standard values from 19·Mar·2024
DWR 1.97866 1.97870
34.5801 psu

Evt #68
Frsh-crmp
P23
2024-002
2005 m
bot 1-2

Version: 20 April 2016

Water Properties Group

Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2024-001	Cast/Station Name: Inlets	Analysis Date (dd mmm yyyy): 20 Mar 2024
Autosal Model: 8400B	Serial Number: 73274	
Initial Standby Value: 24+5983	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.99987	Bath Temperature: 24 °C
	After:	Batch #: P166	Sample Temperature: 22 °C
	Notes:	Batch Date: 6 Apr. 2025	Room Temperature: 21.1 °C
			Analyst: CI

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
65	KN4	50	1.76838	1.76839		
74	KN2	6-5	1.78346	1.78349		
103	SWL	6-5	1.81680	1.81684	1.81689	1.81695 drifty!
107	SWL	25	1.79181	1.79180		
111	SWL	0	1.78753	1.78755		
88	KN1	6-5	1.78316	1.78316		
94	KN1	50	~~1.74716~~	1.74723	~~1.74734~~	1.74726
100	KN1	0	1.73734	1.73733		
129	QCS3	0	1.78968	1.78967		
114	QCS3	6-5	1.78972	1.78971		
123	QCS3	50	1.80150	1.80153		
2	KN6	6-5	1.81656	1.81659		
266	SP6	6-5	1.92116	1.92117		
263	RO2	0	~~1.40507~~	~~1.40496~~	1.40492	1.40491
277	SP4	0	1.13654	1.13652		
271	SP4	50	~~1.82667~~	1.82674	1.82672	
290	SP2	50	1.81055	1.81055		
280	SP2	6-5	1.91608	1.91608		
296	SP2	0	1.69006	1.69005		
310	FC2	50	~~1.79589~~	1.79592	1.79591	
316	FC2	0	1.77814	1.77815		
299	FC2	6-5	~~1.92335~~	1.92339	1.92341	
333	SP	0	1.72077	1.72077		
327	SP	50	1.79755	1.79757		
336	MU1	6-5	1.88878	1.88880		Final Standby Value:
319	SP	6-5	1.91266	1.91268		24+5983

Notes: Used Std from 19 Mar-2024
DWR 1.97867 1.97867
34.5800 psu

Evt #68
Cboy-reg
P23
2024-002
2005 m
bot 3-4

Water Properties Group Institute of Ocean Sciences, Ocean Sciences Division

AUTOSAL ANALYSIS LOGSHEET

Cruise ID: 2024-001	Cast/Station Name: Inlets	Analysis Date (dd mmm yyyy):
Autosal Model: 8400B	Serial Number: 73274	20 March 2024
Initial Standby Value: 24+5983	Ratio After Standardization:	

Cell Standaridization (Daily)	Standardization Values:	Standard Info.	Bath Temperature: 24 °C
Conductivity must be ± 0.00001 compared to Standard	Before:	K_{15} VALUE: 0.99987	Sample Temperature: 22 °C
	After:	Batch #: P166	Room Temperature: 22 °C
	Notes:	Batch Date: 6.Apr.2025	Analyst: CI

Sample	Station Name	Depth/Nisk#	Salinity 1	Salinity 2	Salinity 3	Comments
350	MU1	0	1.73059	1.73059		
344	MU1	50	1.79633	1.79633		
364	MC3	50	1.81558	1.81556		
369	MC3	0	1.73482	1.73483		
355	MC3	6-5	1.90194	1.90195		
385	MC1	0	1.79293	1.79293		
379	MC1	50	1.81186	1.81186		
373	MC1	6-5m	~~1.90054~~	1.90064	~~1.90071~~	1.90066
392	R18	50	1.79830	1.79829		
388	R18	6-5	1.83426	1.83426		

Final Standby Value: 24+5983/4

Notes: used std from 19.Mar.2024
DWR 1.97863 1.97864
34.5793 psu

Evt #68
Cboy-crmp
P23
2024-002
2005 m
bot 3-4

Version: 20 April 2016

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Reference Calibration Values:

Zero Value:

146	Sal	BUR1	2024-001	0 m	bot 16
132	Sal	BUR1	2024-001	b-5 m	bot 2
140	Sal	BUR1	2024-001	50 m	bot 10
165	Sal	BUR5	2024-001	0 m	bot 18
149	Sal	BUR5	2024-001	b-5 m	bot 2
159	Sal	BUR5	2024-001	50 m	bot 12
168	Sal	BUR8	2024-001	b-5 m	bot 2
183	Sal	BUR7	2024-001	b-10 m	bot 1
181	Sal	BUR8	2024-001	0 m	bot 15
175	Sal	BUR8	2024-001	50 m	bot 9
194	Sal	DE09	2024-001	50 m	bot 11
185	Sal	DE09	2024-001	b-5 m	bot 2
200	Sal	DE09	2024-001	0 m	bot 17
212	Sal	DE04	2024-001	50 m	bot 11
218	Sal	DE04	2024-001	0 m	bot 17
203	Sal	DE04	2024-001	b-5 m	bot 2
253	Sal	RO2	2024-001	b-5 m	bot 2
257	Sal	RO2	2024-001	50 m	bot 6
250	Sal	RO4	2024-001	0 m	bot 12
244	Sal	RO4	2024-001	50 m	bot 6
231	Sal	Fis2	2024-001	50 m	bot 12
240	Sal	RO4	2024-001	b-5 m	bot 2
237	Sal	Fis2	2024-001	0 m	bot 18
221	Sal	Fis2	2024-001	b-5 m	bot 2
448	Sal	BROCHAN	2024-001	0 m	bot 13
398	Sal	RI8	2024-001	0 m	bot 12
409	Sal	RI3	2024-001	50 m	bot 10
401	Sal	RI3	2024-001	b-5 m	bot 2
437	Sal	BROCHAN	2024-001	b-5 m	bot 2
415	Sal	RI3	2024-001	0 m	bot 16
420	Sal	RI1	2024-001	b-5 m	bot 2
428	Sal	RI1	2024-001	50 m	bot 10
434	Sal	RI1	2024-001	0 m	bot 16
442	Sal	BROCHAN	2024-001	50 m	bot 7
451	Sal	LO1C	2024-001	b-5 m	bot 2
463	Sal	LO1C	2024-001	0 m	bot 14
457	Sal	LO1C	2024-001	50 m	bot 8
466	Sal	LO5	2024-001	b-5 m	bot 2
471	Sal	LO5	2024-001	50 m	bot 7
477	Sal	LO5	2024-001	0 m	bot 13
29	Sal	KN10	2024-001	50 m	bot 10
21	Sal	KN10	2024-001	b-5 m	bot 2
35	Sal	KN10	2024-001	0 m	bot 16
38	Sal	KN8	2024-001	b-5 m	bot 2
47	Sal	KN8	2024-001	50 m	bot 11
53	Sal	KN8	2024-001	0 m	bot 17
85	Sal	KN2	2024-001	0 m	bot 13
79	Sal	KN2	2024-001	50 m	bot 7
18	Sal	KN6	2024-001	0 m	bot 18
12	Sal	KN6	2024-001	50 m	bot 12
71	Sal	KN4	2024-001	0 m	bot 17
56	Sal	KN4	2024-001	b-5 m	bot 2
65	Sal	KN4	2024-001	50 m	bot 11
74	Sal	KN2	2024-001	b-5 m	bot 2
103	Sal	SWL	2024-001	b-5 m	bot 2
107	Sal	SWL	2024-001	25 m	bot 6
111	Sal	SWL	2024-001	0 m	bot 10
88	Sal	KN1	2024-001	b-5 m	bot 2
94	Sal	KN1	2024-001	50 m	bot 8
100	Sal	KN1	2024-001	0 m	bot 14
129	Sal	QCS3	2024-001	0 m	bot 17
114	Sal	QCS3	2024-001	b-5 m	bot 2

123	Sal	QCS3	2024-001	50 m	bot 11
2	Sal	KN6	2024-001	b-5 m	bot 2
266	Sal	SP4	2024-001	b-5 m	bot 2
263	Sal	RO2	2024-001	0 m	bot 12
277	Sal	SP4	2024-001	0 m	bot 13
271	Sal	SP4	2024-001	50 m	bot 7
290	Sal	SP2	2024-001	50 m	bot 12
280	Sal	SP2	2024-001	b-5 m	bot 2
296	Sal	SP2	2024-001	0 m	bot 18
310	Sal	FC2	2024-001	50 m	bot 13
316	Sal	FC2	2024-001	0 m	bot 19
299	Sal	FC2	2024-001	b-5 m	bot 2
333	Sal	SP	2024-001	0 m	bot 16
327	Sal	SP	2024-001	50 m	bot 10
336	Sal	MU1	2024-001	b-5 m	bot 2
319	Sal	SP	2024-001	b-5 m	bot 2
350	Sal	MU1	2024-001	0 m	bot 16
344	Sal	MU1	2024-001	50 m	bot 10
364	Sal	MC3	2024-001	50 m	bot 11
369	Sal	MC3	2024-001	0 m	bot 16
355	Sal	MC3	2024-001	b-5 m	bot 2
385	Sal	MC1	2024-001	0 m	bot 14
379	Sal	MC1	2024-001	50 m	bot 8
373	Sal	MC1	2024-001	b-5 m	bot 2
392	Sal	RI8	2024-001	50 m	bot 6
388	Sal	RI8	2024-001	b-5 m	bot 2

Reference Calibration Values:

Analyst:

Final Standby Value:

Notes: