

Oxygen Analysis Log

Cruise: TN-422
Date/Time: Aug 15, 2023
Analyst: JN

Standard Normality:	1.0 N
Pipette Volume:	10.0
Avg Standard:	0.5710 *
Avg Correction Factor:	-0.0020

General comments: Oxygen Log Run 1

[illegible]

	pre/post analysis?		pre/post analysis?
* Std #1	0.6720	Blank #1	0.0580
* Std #2	0.6620	Blank #2	0.0560
Std #3	0.6000	Blank #3	
Std #4	0.5920	Blank #4	
Std #5	0.5460		
Std #6	0.5460		

* omitted from Std Avg

Oxygen Analysis Log

Cruise: TN-422
Date/Time: Aug 19, 2023
Analyst: JTN

Standard Normality: 1.0N
 Pipette Volume: 10.0
 Avg Standard: 0.5310
 Avg Correction Factor: 0.0020

General comments: Oxygen Log Run 2

[illegible]

Std #	pre/post analysis?	Blank #	pre/post analysis?
Std #1	0.5140	Blank #1	0.056
Std #2	0.5360	Blank #2	0.054
Std #3	0.5380	Blank #3	
Std #4	0.5360	Blank #4	
Std #5			
Std #6			

Oxygen Analysis Log

Cruise: 7N422
Date/Time: Aug 22 2023
Analyst: JN

Standard Normality:	1.0N
Pipette Volume:	10.0
Avg Standard:	0.5146
Avg Correction Factor:	0.00

General comments: Oxygen Log Run 3

[illegible]

Std #1	0.5186	pre/post analysis?
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Blank #1	0.0540	pre/post analysis?
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Std #2 0.5080

Blank #2 0.0540

Std #3 0.5180

Blank #3

Std #4

Blank #4

Std #5

Std #6

Oxygen Analysis Log

Cruise: TN 422

Date/Time: Aug 28

Analyst: J M White

Standard Normality: 1.96

Pipette Volume: 10.0 ml

Avg Standard: 0.5367

Avg Correction Factor: 0.0040

General comments: Carb 003 titrated w/ 1.4 mL acid. J2-1541 back to 1 mL

[illegible]

Std #1

pre/post analysis?

Blank #1

pre/post analysis?

Std #2

Blank #2

Std #3

Blank #3

Std #4

Blank #4

Std #5

Std #6

Oxygen Analysis Log

Cruise: TN 422
Date/Time: Sep 3, 2023 19:05
Analyst: M. White

Standard Normality:	1.0 N
Pipette Volume:	10.0
Avg Standard:	0.5334
Avg Correction Factor:	-0.001

General comments:

[illegible]

Std #1

pre/post analysis?

6.5320

Blank #1

pre/post analysis?

0.0560

Std #2

0.5340

Blank #2

0.0570

Std #3

0.5347

Blank #3

Std #4

Blank #4

Std #5

Std #6

Oxygen Analysis Log

Standard Normality: 1.0 N
 Pipette Volume: 10.0 mL
 Avg Standard: _____
 Avg Correction Factor: 0.00

[illegible]

Std #	pre/post analysis?
Std #1	0.4980
Std #2	0.5260
Std #3	0.5240
Std #4	
Std #5	
Std #6	

Blank #	pre/post analysis?
Blank #1	0.0540
Blank #2	0.0540
Blank #3	
Blank #4	

Oxygen Analysis Log

Cruise: TN-422
 Date/Time: Sept 12
 Analyst: JN

Standard Normality: 1.0 N
 Pipette Volume: 10.0 mL
 Avg Standard: 0.5180
 Avg Correction Factor: -0.0020

General comments: Oxy Log Run 7

Cast #	Niskin #	Depth (m)	O2 Bottle #	O2 Bottle Volume	Buret Reading	Notes
CTD-006	2	560	OX-363	131.84	0.0800	
CTD-006	5	500	OX-364A	144.37	0.1140	
CTD-006	7	450	OX-365	141.76	0.1360	
CTD-006	9	400	OX-366A	138.32	0.1640	
CTD-006	11	350	OX-367	131.64	0.1900	
CTD-006	15	300	OX-368	140.38	0.2400	
CTD-006	17	275	OX-369	142.38	0.2700	
CTD-006	18	275	OX-370	132.83	0.1780	Student collect
CTD-006	19	250	OX-371	134.60	0.2520	
CTD-006	20	250	OX-372	131.53	0.2160	Student collect
CTD-006	21	225	OX-373A	140.75	NOT ANALYZED	Student collect
CTD-006	22	225	OX-374	132.49	NOT ANALYZED	Student collect
CTD-006	23	200	OX-376	129.56	0.2780	
CTD-006	1	560	OX-362	123.30	0.0800	leaker
CTD-006	24	200	OX-375	131.32	0.2820	Student collect
CTD-006	23	200	OX-377	131.66	0.2820	
CTD-007	1	2890	OX-313A	138.97	0.2500	
CTD-007	2	2890	OX-314	134.46	0.2400	Student collect
CTD-007	5	2500	OX-315	132.76	0.2400	
CTD-007	6	2500	OX-316	145.56	0.2760	Student collect
CTD-007	7	2000	OX-319	141.15	0.1980	
CTD-007	8	2000	OX-317A	137.24	0.1920	Student collect
CTD-007	9	1750	OX-318	127.31	0.1380	
CTD-007	10	1750	OX-321A	139.89	0.1620	Student collect

Std #1

0.4980

pre/post analysis?

Blank #1

0.0520

pre/post analysis?

Std #2

0.5280

Blank #2

0.0540

Std #3

0.5280

Blank #3

Std #4

Blank #4

Std #5

Std #6

Oxygen Log Run 7B

Oxygen Analysis Log

Cruise: TN-422
 Date/Time: Sept. 12
 Analyst: JN

Standard Normality: 1.0N
 Pipette Volume: 10.0 ML
 Avg Standard: 0.5180
 Avg Correction Factor: -0.002

General comments: continued from pg before

Cast #	Niskin #	Depth (m)	O2 Bottle #	O2 Bottle Volume	Buret Reading	Notes
CTD-007	11	1500	OX-322	128.54	0.10980	
CTD-007	12	1500	OX-320	131.10	0.1000	student collect
CTD-007	13	1250	OX-326	145.12	0.0800	
CTD-007	14	1250	OX-324A	136.20	0.0780	student collect
CTD-007	15	1000	OX-327	128.92	0.0380	
CTD-007	16	1000	OX-323	144.28	0.0840	student collect
CTD-007	17	750	OX-331	146.20	0.0360	
CTD-007	18	750	OX-325	126.81	0.0320	student collect
CTD-007	21	300	OX-328	132.37	0.2100	
CTD-007	23	200	OX-329	140.59	0.3300	
CTD-007	23	200	OX-330	133.06	0.3160	
CTD-008	1	2589	OX-313A	138.97	0.2120	
	5	2250	OX-314	134.46	0.2000	
	7	2000	OX-315	132.76	0.1760	
	9	1750	OX-316	145.56	0.1440	
	11	1500	OX-317A	137.24	0.0900	
	13	1250	OX-318	127.31	0.0460	
	17	750	OX-319	141.15	0.0360	
	19	500	OX-320	131.10	0.1000	
	21	300	OX-321	139.89	0.2400	
	21	300	OX-322	128.54	0.2200	
CTD-008	23	200	OX-323	144.28	0.4580	
J2-1554	for Niskin	2600	OX-313A	138.97	0.2200	
"	"	"	OX-314	134.46	0.2320	

Std #1	0.4980	pre/post analysis?	Blank #1	0.0520	pre/post analysis?
Std #2	0.5280		Blank #2	0.0540	
Std #3	0.5280		Blank #3		
Std #4			Blank #4		
Std #5					
Std #6					

Oxygen Analysis Log

Cruise:

Date/Time:

Analyst:

Standard Normality:

Pipette Volume:

Avg Standard:

Avg Correction Factor:

General comments:

[illegible]

Std #1

pre/post analysis?

Blank #1

pre/post analysis?

Std #2

Blank #2

Std #3

Blank #3

Std #4

Blank #4

Std #5

Std #6