

Chlorophyll Data Sheet

Cruise: 2019-125

Page: 1 of 2

20ml extraction volumes:

64A, 73A

started using 7 Nov 19
batch of 900%
acetone today

Project Name:

Time and date acetone added: 7 Nov 19 11:20 am

Time and date out of freezer: 8 Nov 19 10 am

Time analysis started: 8 Nov 19 11:05 am

Analyst: Tamar

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.020			
STD			LOW	2-	10.351			
STD			HIGH	4-	56.658			
Blank				6-	-0.014	8-		
15A	J505	304	10	1-	18.149	2-	10.904	
12A	J504		10	3-	11.920	4-	7.234	
9A	J503		10	5-	13.906	6-	8.442	
6A	J502		10	7-	10.308	8-	6.731	
3A	J501		10	1-	12.318	2-	8.005	
19A	J507		10	3-	15.203	4-	8.663	
22A	J508		10	5-	13.958	6-	8.476	
25B	QCSTD1		10	7-	13.664	8-	8.557	
28A	QCSTD2		10	1-	32.480	2-	18.329	
31A	QCSTD3		10	3-	66.489	4-	37.162	
46A	QCSTD3		10	5-	36.343	6-	20.486	
43A	QCSTD2		10	7-	52.255	8-	29.725	
40A	QCSTD1		10	1-	31.758	2-	17.779	
37A	QCSTD5		10	3-	36.947	4-	21.028	
34A	QCSTD4		10	5-	25.971	6-	15.109	
52A	T01		10	7-	78.589	8-	43.735	
49A	R101		10	1-	44.446	2-	26.376	
55A	T02		10	3-	58.323	4-	31.421	
58 38A	T03		10	5-	50.902	6-	28.484	
61A	T04		10	7-	60.764	8-	33.319	
64A	T05		20	1-	151.544	2-	79.319	
67A	T06		10	3-	281.103	4-	147.852	
70A	QCSTD9		10	5-	257.025	6-	130.011	
73A	QCSTD5		20	7-	194.462	8-	97.843	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

2019-125
#15 JS05A

2019-125
#12 JS04A

2019-125
#9 JS03A

2019-125
#6 JS02A

2019-125
#3 JS01A

2019-125
#19 JS07A

2019-125
#22 JS08A

2019-125
#25 QCST01B

2019-125
#28 QCST02A

2019-125
#31 QCST03A

2019-125
#46 QCSD03A

2019-125
#43 QCSD02A

2019-125
#40 QCSD01A

2019-125
#37 QCST05A

2019-125
#34 QCST04A

2019-125
#52 T01A

2019-125
#49 R01A

2019-125
#55 T02A

2019-125
#58 T03A

2019-125
#61 T04A

2019-125
#64 T05A

2019-125
#67 T06A

2019-125
#70 QCSD04A

2019-125
#73 QCSD05A

Chlorophyll Data Sheet

20ml extraction volumes:

Cruise: 2019-125

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76A

Project Name:

Time and date acetone added: 7 Nov 19 220pm

Time and date out of freezer: 8 Nov 19 0120pm

Time analysis started: 8 Nov 19 0225pm

Analyst:

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.017			
STD			LOW	2-	10.268			
STD			HIGH	4-	56.497			
Blank				6-		8-		
76A	QCSD06	304	20	1-	194.379	2-	101.192	
91A	BRO1		10	3-	32.856	4-	19.612	
89A	QCST09		10	5-	22.005	6-	13.145	
85A	QCST08		10	7-	33.796	8-	19.227	
82A	QCST07		10	1-	30.815	2-	19.045	
79A	QCST06		10	3-	50.930	4-	27.583	
107A	KJ01		10	5-	31.367	6-	18.642	
109A	KJ02		10	7-	28.134	8-	17.479	
103A	BRO1		10	1-	21.022	2-	12.499	
97A	BRO3		10	3-	69.400	4-	40.358	
100A	BRO4		10	5-	21.094	6-	12.196	
94A	BRO2		10	7-	47.417	8-	27.375	
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Stand-by				1-	0.019			
Std	Low			2-	10.274			
Std	High			4-	56.111			
Blank	by			6-	-0.017	8-	-0.018	

2019-125 #76 QCS006A	2019-125 #91 B101 A	2019-125 #89 QCS009A	2019-125 #85 QCS003A	2019-125 #82 QCS007A
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2019-125 #79 QCS003A	2019-125 #107 KIA A	2019-125 #109 KIA2 A	2019-125 #103 B103A	2019-125 #97 B103 A
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2019-125 #100 B104 A	2019-125 #94 B102 F
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Chlorophyll Data Sheet

Cruise: 2019-125

Page: 1 of 2

20ml extraction volumes:

10mL except for

Project Name:

Time and date acetone added: 2:40 pm 25 Nov 19

Time and date out of freezer: 1:40 pm 26 Nov 2019

Time analysis started: 14:30

Analyst: SAG

Stby = empty cell

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1- 0.022	0.020			
STD			LOW	2- 0.111	10.367			
STD			HIGH	4- 57.411	56.698			
Blank				6- -0.015	-0.016	8- -0.016	8- -0.13	
7980CSTD6B				1- 53.836		2- 30.705		
82 QCSTD7B				3- 34.975		4- 21.882		lots of filler particles
61 T04B				5- 61.349		6- 34.925		
58 T03B				7- 53.350		8- 31.874		
55 T02B				1- 63.098		2- 36.310		
85 QCSTD8B				3- 33.879		4- 20.162		
52 T01B				5- 82.749		6- 48.604		
89 QCSTD9B				7- 22.805		8- 14.124		
49 RT01B				1- 22.957		2- 17.460		
34 QCSTD4B				3- 43.982		4- 26.855		
37 QCSTD5B				5- 33.153		6- 19.593		
40 QCSTD01B				7- 31.406		8- 19.028		
31 QCSTD3B				1- 68.042		2- 39.993		
28 QCSTD2B				3- 30.713		4- 18.740		
25 QCSTD01A				5- 14.324		6- 9.362		
22 JS03B				7- 14.405		8- 9.267		
19 JS04B				1- 15.895		2- 9.753		
3 JS01B				3- 11.521		4- 7.976		
6 JS02B				5- 9.984		6- 7.116		
9 JS03B				7- 13.280		8- 9.418		
12 JS04B				1- 11.479		2- 7.340		
15 JS05B				3- 17.967		4- 11.619		
43 QCSTD02B				5- 51.895		6- 30.683		
46 QCSTD03B				7- 38.527		8- 22.939		
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

START

2019-125
#32 QCS06B

2019-125
#32 QCS07B

2019-125
#61-T04B

2019-125
#58 T03B

2019-125
#55 T02B

2019-125
#85 QCS08B

2019-125
#52 T01B

2019-125
#79 QCS09B

2019-125
#34 QCS04B

2019-125
#49 RLOB

2019-125
#37 QCS05B

2019-125
#40 QCS00B

2019-125
#31 QCS03B

2019-125
#28 QCS02B

2019-125
#25 QCS01A

2019-125
#22 JS08B

2019-125
#19 JS07B

2019-125
#3 JS01B

2019-125
#6 JS02B

2019-125
#9 JS03B

2019-125
#12 JS04B

2019-125
#15 JS05B

2019-125
#43 QCS00B

2019-125
#46 QCS00B

Chlorophyll Data Sheet

Cruise: 2019-125
Project Name:

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20ml extraction volumes:

10 mL except
733, 763

Time and date acetone added: 25 Nov 19 3:10 pm

Time and date out of freezer: 3:10 } 1 hr late. 26 Nov 2019

Time analysis started: 16:10

Analyst: SAG

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.018			
STD			LOW	2-	10.271			
STD			HIGH	4-	56.353			
Blank				6-	-0.015	8-	-0.015	
107 K101B				1-	31.477	2-	19.771	
103 B105B				3-	20.952	4-	13.751	
100 B104B				5-	24.348	6-	14.881	
97 B103B				7-	68.845	8-	92.111	
94 B102B				1-	49.58	2-	29.271	
109 K102B				3-	31.483	4-	20.640	
64 T05B				5-	295.652	6-	163.495	
67 T06B				7-	313.001	8-	177.364	
70 QCS104B				1-	253.550	2-	138.026	
73 QCS105B				3-	209.227	4-	111.17	20 mL
76 QCS106B				5-	211.504	6-	113.632	20 mL
91 B101B				7-	85.613	8-	21.601	
run the lot lower				1-	208.478	2-	110.280	
" " " "				3-	212.498	4-	115.214	
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Stand-by				1-	0.018			
Std	Low			2-	10.259			
Std	High			4-	56.559			
Blank	by			6-	-0.015	8-	-0.016	

2019-125
#107 K101B

2019-125
#70 QCS001B

2019-125
103 B105B

2019-125B
#73 QCS005B

→

2019-125
#100 B100L

2019-125
#76 QCS006B

→

2019-125
#67 B103B

2019-125
#91 B101B

2019-125
#94 B102B

2019-125
#109 K102B

2019-125
#64 T05B

2019-125
#67 T05B