

Chlorophyll Data Sheet

Cruise: 2016-10

Page: 1 of 2

Dates of Cruise: Sept 22-26

Time and date acetone added: 2pm Oct 5

Analyst: Jasmine

Time and date out of freezer: 12pm Oct 6

Time analysis started: 1pm

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Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.007			
STD			LOW	2-	12.131			
STD			HIGH	4-	65.759			
Blank				6-	0.040	8-	0.039	
237A	63	330	10	1-	71.354	2-	40.723	✓
236B	63	330	10	3-	51.751	4-	30.773	✓
235A	63	"	10	5-	53.451	6-	31.909	✓
235B	63	"	10	7-	47.105	8-	28.248	
258A	adcp	"	10	1-	83.025	2-	46.489	
255B	adcp	"	10	3-	43.406	4-	25.707	
255A	adcp	"	10	5-	47.402	6-	28.370	
256A	adcp	"	10	7-	52.494	8-	30.944	
208A	42	"	10	1-	148.716	2-	89.551	
205A	42	"	10	3-	14.223	4-	16.860	
230B	62	"	10	5-	43.736	6-	26.809	
231B	62	"	10	7-	55.425	8-	33.130	
233A	62	"	10	1-	87.305	2-	50.836	-took out sample 6/10/16
233B	62	"	10	3-	85.093	4-	48.718	
237B	63	"	10	5-	63.391	6-	36.953	
236A	63	"	10	7-	46.552	8-	28.184	
230A	62	"	10	1-	45.277	2-	27.423	
231A	62	"	10	3-	56.208	4-	33.686	
221B	46	"	10	5-	142.768	6-	82.524	
221A	46	"	10	7-	144.965	8-	83.352	
218A	46	"	10	1-	26.769	2-	17.610	
219B	46	"	10	3-	33.583	4-	19.243	
219A	46	"	10	5-	33.668	6-	21.375	
218B	46	"	10	7-	28.205	8-	18.600	
Stand-by				1-	-0.010			
Std	Low			2-	12.041			
Std	High			4-	65.051			
Blank	by			6-	0.036	8-	0.035	

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Cruise: 2016-10 Page: 2 of 2

Dates of Cruise: Sept 22-26

Time and date acetone added: 3:30 pm Oct 5

Analyst: KS

Time and date out of freezer: 2:20 pm Oct 6

Time analysis started: 3:15 pm Oct. 6, 2016

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.004			
STD			LOW	2-	11.999			
STD			HIGH	4-	65.434			
Blank				6-	0.054	8- 0.051		
304A	75	330	10	1- 2618	36.739	2- 2	21.003	
301B	75	330	10	3-	30.136	4-	18.305	
302B	75	330	10	5-	34.377	6-	20.528	
304B	75	330	10	7-	38.004	8-	22.051	
301A	75	330	10	1-	28.716	2-	17.515	
302A	75	330	10	3-	35.505	4-	21.273	
245A	65	330	10	5-	69.056	6-	40.028	
244A	65	330	10	7-	65.081	8-	37.8781	
258B	ADCP		10	1-	76.656	2-	43.316	
269B	69		10	3-	44.006	4-	26.067	
256B	ADCP		10	5-	54.460	6-	32.209	
287A	72		10	7-	47.915	8-	27.554	
271B	69		10	1-	42.825	2-	25.295	
247B	65		10	3-	42.711	4-	51.633	
268B	69		10	5-	47.595	6-	28.146	
287B	72		10	7-	46.919	8-	27.129	
268A	69		10	1-	45.796	2-	27.270	
269A	69		10	3-	46.655	4-	27.995	
283B	72		10	5-	37.966	6-	22.491	
271A	69		10	7-	41.121	8-	23.789	
245B	65		10	1-	73.934	2-	42.xxx	Forgot to record
247A	65		10	3-	90.160	4-	49.811	
285A	72		10	5-	37.296	6-	22.201	
244B	65		10	7-	68.879	8-	39.922	
		330						
Stand-by				1-	0.003			
Std	Low			2-	12.148			
Std	High			4-	65.549			
Blank	by			6-	0.038	8- 0.038		

304A
CHL
Stn 75
2016-10
Bot 15

301B
CHL
Stn 75
2016-10
Bot 12

302B
CHL
Stn 75
2016-10
Bot 13

304B
CHL
Stn 75
2016-10
Bot 15

301A
CHL
Stn 75
2016-10
Bot 12

302A
CHL
Stn 75
2016-10
Bot 13

245
CHL
Stn 65
2016-10
Bot 8
A

244
CHL
Stn 65
2016-10
Bot 7
A

258
CHL
Stn adcp
2016-10
Bot 10
B

269
CHL
Stn 69
2016-10
Bot 10
B

256
CHL
Stn adcp
2016-10
Bot 8
B

287
CHL
Stn 72
2016-10
Bot 14
A

27B
CHL
Stn 69
2016-10
Bot 13
B

247
CHL
Stn 65
2016-10
Bot 10
B

268
CHL
Stn 69
2016-10
Bot 9
B

287
CHL
Stn 72
2016-10
Bot 14
B

268
CHL
Stn 69
2016-10
Bot 9
A

269
CHL
Stn 69
2016-10
Bot 10
A

283
CHL
Stn 72
2016-10
Bot 10
B

27B
CHL
Stn 69
2016-10
Bot 13
A

245
CHL
Stn 65
2016-10
Bot
B

247
CHL
Stn 65
2016-10
Bot 10
A

285
CHL
Stn 72
2016-10
Bot 12
A

244
CHL
Stn 65
2016-10
Bot 7
B

Chlorophyll Data Sheet

Cruise: 2016-10

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Dates of Cruise:

Time and date acetone added: 4pm oct 13

Analyst: Jasmine

Time and date out of freezer: 1:40pm oct 14

Time analysis started: 2:40pm oct 14

Star file saved under 14 oct 2016-08

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.004			
STD			LOW	2-	17.130			
STD			HIGH	4-	66.438			
Blank				6-	0.023	8-0.021		
333A	59	30ml	10ml	1-	87.915	2-48.816		
23A	56	"	10ml	3-	85.880	4-49.792		
21B	56	"	10ml	5-	70.193	6-42.517		
20B	56	"	10ml	7-	49.135	8-30.131		
21A	56	"	10ml	1-	69.874	2-41.168		
7B	SI	"	10ml	3-	27.992	4-21.596		
6B	SI	"	10ml	5-	10.745	6-7.106		
6A	SI	"	10ml	7-	10.176	8-6.870		
9B	SI	"	10ml	1-	312.000	2-167.687		
7A	SI	"	10ml	3-	31.235	4-16.721		
9A	SI	"	10ml	5-	317.704	6-167.511		
35B	16	"	10ml	7-	44.534	8-27.366		
38B	16	"	10ml	1-	62.531	2-37.378		
26B	22	"	10ml	3-	57.054	4-38.212		
27B	22	"	10ml	5-	125.461	6-76.789		
26A	22	"	10ml	7-	54.835	8-36.625		
25B	22	"	10ml	1-	31.769	2-21.738		
25A	22	"	10ml	3-	33.574	4-20.971		
27A	22	"	10ml	5-	123.213	6-75.010		
20A	56	"	10ml	7-	52.385	8-31.785		
23B	56	"	10ml	1-	84.932	2-49.458		
36A	16	"	10ml	3-	47.022	4-29.033		
38A	16	"	10ml	5-	65.987	6-39.697		
36B	16	"	10ml	7-	49.476	8-26.961		
Stand-by				1-	0.003			
Std	Low			2-	12.177			
Std	High			4-	65.827			
Blank	by			6-	0.025	8-0.024		

333	23 A	21 B	20 B	21 A	7 B	6 B	6 A	9 B	7 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
Stn 59	Stn 56	Stn 56	Stn 56	Stn 56	Stn SI	Stn SI	Stn SI	Stn SI	Stn SI
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 12	Bot 14	Bot 12	Bot 11	Bot 12	Bot 7	Bot 6	Bot 6	Bot 9	Bot 7

A

9 A	35 B	38 B	26 B	27 B	26 A	25 B	25 A	27 A	20 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
Stn SI	Stn 16	Stn 16	Stn 22	Stn 22	Stn 22	Stn 22	Stn 22	Stn 22	Stn 56
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 9	Bot 8	Bot 11	Bot 2	Bot 3	Bot 2	Bot 1	Bot 1	Bot 3	Bot 11

23 B	36 A	38 A	36 B
CHL	CHL	CHL	CHL
Stn 56	Stn 16	Stn 16	Stn 16
2016-10	2016-10	2016-10	2016-10
Bot 14	Bot 9	Bot 11	Bot 9

Chlorophyll Data Sheet

Cruise: 2016-10

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Dates of Cruise: Sept 22 - 26, 2016

Time and date acetone added: 11:15 am Oct 18

Analyst: Jasmine

Time and date out of freezer: 9:35 am Oct 19

Time analysis started:

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.005			
STD			LOW	2-	12.498			
STD			HIGH	4-	67.830			
Blank				6-	0.029	8-0.027		
								did not push button hard enough
160A	27	330mL	20mL	1-	429	2-17.883		accidentally added 10mL acetone
127 B	CPF1	"	10mL	3-	17.028	4-69.903		
128 B	CPF1	"	10mL	5-	217.476	6-127.426		
128 A	CPF1	"	10mL	7-	226.009	8-127.610		
126 A	CPF1	"	10mL	1-	30.113	2-22.207		
126 B	CPF1	"	10mL	3-	29.960	4-20.696		
127 A	CPF1	"	10mL	5-	118.677	6-70.209		
140A	2	"	10mL	7-	21.291	8-15.604		
143 B	2	"	10mL	1-	147.876	2-84.543		
140 B	2	"	10mL	3-	23.335	4-17.449		
141 B	2	"	10mL	5-	111.528	6-64.414		
105 B	6	"	10mL	7-	106.986	8-64.261		
107 B	6	"	10mL	1-	185.967	2-107.196		
105 A	6	"	10mL	3-	100.927	4-58.963		
107 A	6	"	10mL	5-	186.854	6-107.783		
124 A	3	"	10mL	7-	188.110	8-107.920		
122 A	3	"	10mL	1-	139.961	2-83.541		
122 B	3	"	10mL	3-	142.455	4-84.513		
124 B	3	"	10mL	5-	180.206	6-106.137		
121 B	3	"	10mL	7-	23.033	8-17.610		
121 A	3	"	10mL	1-	26.055	2-17.276		
84 B	9	"	10mL	3-	164.234	4-74.652		
84 A	9	"	10mL	5-	156.422	6-90.770		
90 A	BS17	"	10mL	7-	128.681	8-71.091		
Stand-by				1-	0.005			
Std	Low			2-	12.332			
Std	High			4-	66.945			
Blank	by			6-	0.029	8-0.028		

160 A CHL	127 CHL B	128 CHL B	128 CHL A	126 CHL A	126 CHL B	127 CHL A	140 A CHL	143 B CHL	140 B CHL
Stn 27	Stn CPF1	Stn CPF1	Stn CPF1	Stn CPF1	Stn CPF1	Stn CPF1	Stn 2	Stn 2	Stn 2
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 13	Bot 2	Bot 3	Bot 3	Bot 1	Bot 1	Bot 2	Bot 12	Bot 15	Bot 12

141 B CHL	105 B CHL	107 B CHL	105 A CHL	107 A CHL	124 A CHL	122 A CHL	122 B CHL	124 B CHL	121 B CHL
Stn 2	Stn 6	Stn 6	Stn 6	Stn 6	Stn 3	Stn 3	Stn 3	Stn 3	Stn 3
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 13	Bot 11	Bot 13	Bot 11	Bot 13	Bot 16	Bot 14	Bot 14	Bot 16	Bot 13

121 A CHL	84 B CHL	84 A CHL	90 CHL
Stn 3	Stn 9	Stn 9	Stn BS17
2016-10	2016-10	2016-10	2016-10
Bot 13	Bot 12	Bot 12	Bot 5

A

Chlorophyll Data Sheet

Cruise: 2016-10

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Dates of Cruise:

Time and date acetone added: 12:10pm Oct 18 Analyst: Jasmine

Time and date out of freezer: 11:15am Oct 19

Time analysis started: 12:22pm Oct 19

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.002			
STD			LOW	2-	12.181			
STD			HIGH	4-	66.423			
Blank				6-	0.022	8-0.020		
191B	39	330ml	10ml	1-	261.232	2-148.173		
208 B	42	"	10ml	3-	159.667	4-93.252		
206 B	42	"	10ml	5-	33.024	6-22.232		
206 A	42	"	10ml	7-	31.967	8-19.901		
205 B	42	"	10ml	1-	18.611	2-13.529		
161B	27	"	10ml	3-	100.567	4-56.860		
160B	27	"	10ml	5-	56.944	6-34.091		
163A	27	"	10ml	7-	155.597	8-89.501		
163B	27	"	10ml	1-	166.482	2-95.054		
169 B	GE01	"	10ml	3-	43.864	4-26.807		
168 B	GE01	"	10ml	5-	12.914	6-9.903		
168 A	GE01	"	10ml	7-	14.269	8-11.473		
169 A	GE01	"	10ml	1-	44.155	2-26.890		
170 B	GE01	"	10ml	3-	92.900	4-53.456		
170 A	GE01	"	10ml	5-	94.742	6-54.502		
141A	2	"	10ml	7-	99.605	8-59.546		
143A	2	"	10ml	1-	143.027	2-82.774		
147A	24	"	10ml	3-	252.841	4-143.264		
146A	24	"	10ml	5-	75.142	6-46.819		
147B	24	"	10ml	7-	265.202	8-149.627		
146B	24	"	10ml	1-	77.795	2-48.148		
145A	24	"	10ml	3-	21.655	4-23.487		Ra not recorded
145B	24	"	10ml	5-	23.467	6-18.437		
161A	27	"	10ml	7-	87.409	8-51.821		
Stand-by				1-	0.002			
Std	Low			2-	11.063			
Std	High			4-	66.414			
Blank	by			6-	0.024	8-0.024		

TURN OFF FLUOROMETER!

191 CHL	208 CHL	206 CHL	206 CHL	205 CHL	161 CHL	160 CHL	163 CHL	163 CHL	169 CHL
Stn 39	Stn 42	Stn 42	Stn 42	Stn 42	Stn 27	Stn 27	Stn 27	Stn 27	Stn GEO1
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 21	Bot 16	Bot 14	Bot 14	Bot 13	Bot 14	Bot 13	Bot 16	Bot 16	Bot 2
	B	B	A	B					B
168 CHL	168 CHL	169 CHL	170 CHL	170 CHL	141 CHL	143 CHL	147A CHL	146A CHL	147 B CHL
Stn GEO1	Stn GEO1	Stn GEO1	Stn GEO1	Stn GEO1	Stn 2	Stn 2	Stn 24	Stn 24	Stn 24
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 1	Bot 1	Bot 2	Bot 3	Bot 3	Bot 13	Bot 15	Bot 3	Bot 2	Bot 3
B	A	A	B	A					
146B CHL	145 A CHL	145 B CHL	161 CHL						
Stn 24	Stn 24	Stn 24	Stn 27						
2016-10	2016-10	2016-10	2016-10						
Bot 2	Bot 1	Bot 1	Bot 14						

Chlorophyll Data Sheet

Cruise: 2016-10

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Dates of Cruise:

Time and date acetone added: 2:50 PM Oct 17

Analyst: Jasmine

Time and date out of freezer: 1:40 PM Oct 18

Time analysis started: 2:40 PM Oct 18

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.000			
STD			LOW	2-	12.204			
STD			HIGH	4-	65.965			
Blank				6-	0.031	8-	0.026	
82B	9	350mL	10mL	1-	108.139	2-	62.464	
52A	14	330mL	10mL	3-	63.375	4-	38.919	
52B	14	"	10mL	5-	65.965	6-	40.049	
51B	14	"	10mL	7-	64.416	8-	39.525	
54B	14	"	10mL	1-	181.194	2-	107.323	
51A	14	"	10mL	3-	64.582	4-	40.015	
54A	14	"	10mL	5-	171.360	6-	100.772	
35A	16	"	10mL	7-	43.575	8-	26.946	
68B	12	"	10mL	1-	60.953	2-	37.024	
69B	12	"	10mL	3-	183.028	4-	106.713	
69A	12	"	10mL	5-	178.170	6-	103.452	
71B	12	"	10mL	7-	186.418	8-	109.358	
71A	12	"	10mL	1-	190.702	2-	110.787	
81A	9	"	10mL	3-	24.377	4-	16.517	
82A	9	"	10mL	5-	103.197	6-	59.271	
81B	9	"	10mL	7-	24.657	8-	16.588	
91A	BS17	"	10mL	1-	278.999	2-	151.562	
91B	BS17	"	10mL	3-	284.144	4-	155.839	
90B	BS17	"	10mL	5-	126.046	6-	70.380	
93A	BS17	"	20mL	7-	170.164	8-	93.663	Add 10mL acetone
93B	BS17	"	10mL	1-	323.687	2-	177.931	
104B	6	"	10mL	3-	25.623	4-	17.984	
104A	6	"	10mL	5-	28.518	6-	19.820	
108A	12	"	10mL	7-	61.567	8-	36.976	
Stand-by				1-	0.002			
Std	Low			2-	12.188			
Std	High			4-	65.762			
Blank	by			6-	0.026	8-	0.022	

82 B	52 A	52 B	51 B	54 B	51 A	54 A	35 A	68 B	69 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
Stn 9	Stn 14	Stn 14	Stn 14	Stn 14	Stn 14	Stn 14	Stn 16	Stn 12	Stn 12
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 10	Bot 13	Bot 13	Bot 12	Bot 15	Bot 12	Bot 15	Bot 8	Bot 13	Bot 14

69 A	71 B	71 A	A 81	82 A	B 81	91	91	90	93
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
Stn 12	Stn 12	Stn 12	Stn 9	Stn 9	Stn 9	Stn BS17	Stn BS17	Stn BS17	Stn BS17
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 14	Bot 16	Bot 16	Bot 9	Bot 10	Bot 9	Bot 6	Bot 6	Bot 5	Bot 8
						A	B	B 1	A

93 B	104 B	104 A	68 A
CHL	CHL	CHL	CHL
Stn BS17	Stn 6	Stn 6	Stn 12
2016-10	2016-10	2016-10	2016-10
Bot 8	Bot 10	Bot 10	Bot 13
B			

Chlorophyll Data Sheet

Cruise: ~~2016-05-AM~~ 2016-10 Page: 2 of 4

Dates of Cruise:

Time and date acetone added: 2pm Oct 13

Analyst: Jasmine.

Time and date out of freezer: 11:45am Oct 14

Time analysis started: 12:40pm Oct 14

★ file saved under 2016-08 14 OCT

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.003			
STD			LOW	2-	12.713			
STD			HIGH	4-	66.241			
Blank				6-	0.029	8-	0.046	
2016-10 334 A	59	330m	10mL	1-	91.810	2-	56.330	
333 B	59	"	10mL	3-	91.064	4-	50.835	
336 B	59	"	10mL	5-	95.157	6-	52.989	
334 B	59	"	10mL	7-	96.132	8-	53.034	
336 A	59	"	10mL	1-	93.442	2-	51.996	
320 A	102	"	10mL	3-	40.246	4-	23.282	
317 A	102	"	10mL	5-	31.181	6-	18.377	
318 A	102	"	10mL	7-	39.062	8-	22.230	
320 B	102	"	10mL	1-	42.250	2-	23.241	
317 B	102	"	10mL	3-	31.233	4-	18.372	
318 B	102	"	10mL	5-	39.702	6-	22.445	
283 A	72	"	10mL	7-	40.362	8-	23.251	
285 B	72	"	10mL	1-	37.382	2-	22.401	
289 A	P11	"	10mL	3-	7.568	4-	4.126	10mL added
277 B	P10	"	10mL	5-	8.735	6-	4.822	10 original
216	P8	"	10mL	7-	21.709	8-	12.250	10mL added
210 A	P8	"	10mL	1-	43.338	2-	25.850	started w 16
191 A	P5	"	10mL	3-	189.289	4-	116.805	
101 A	P4	"	10mL	5-	265.736	6-	163.200	
94 B	P4	"	10mL	7-	31.556	8-	22.734	
62	P2	"	20mL	1-	241.703	2-	142.584	10mL added + 4/11 dil
56 A	P2	"	10mL	3-	20.056	4-	14.74	
40 A	P1	"	20mL	5-	284.181	6-	179.737	10mL added + 1/2 dil
3010 A	JF1	"	10mL	7-	319.592	8-	172.009	
Stand-by				1-	0.005			
Std	Low			2-	12.754			
Std	High			4-	66.001			
Blank	by			6-	0.028	8-	0.027	

334	333	336	334	336	320 A	317 A	318 A	320 B	317 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
Stn 59	Stn 59	Stn 59	Stn 59	Stn 59	Stn 102	Stn 102	Stn 102	Stn 102	Stn 102
2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10	2016-10
Bot 13	Bot 12	Bot 15	Bot 13	Bot 15	Bot 15	Bot 12	Bot 13	Bot 15	Bot 12
A	B	B	B	A					
318 B	283	285	289	277 B	216	210 A	191	101 A	94 B
CHL	CHL	CHL	CHL A	CHL	Chl	Chl	CHL A	CHL	CHL
Stn 102	Stn 72	Stn 72	P11	P10	P8	P8	P5	P4	P4
2016-10	2016-10	2016-10	5 m	5 m	10 m	50 m	5 m	5 m	50 m
Bot 13	Bot 10	Bot 12	2016-08	2016-08	2016-08	2016-08	2016-08	2016-08	2016-08
A	B		Bot 12	Bot 24	Bot 23	Bot 17	Bot 12	Bot 14	Bot 7
62	56 A	40 A	0 A						
CHL	CHL	CHL	CHL						
P2	P2	P1	JFI						
0 m	25 m	5 m	LOOP						
2016-08	2016-08	2016-08	2016-08						
Bot 14	Bot 8	Bot 4	Bot						

~~File in 2016-10~~

Chlorophyll Data Sheet

Cruise: 2016-10

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Dates of Cruise:

Time and date acetone added: 9:55 am Oct 19 Analyst: JW

Time and date out of freezer: 8:30 am Oct 20

Time analysis started: 10:15 am Oct 20

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	0.007			
STD			LOW	2-	12.412			
STD			HIGH	4-	67.266			
Blank				6-	0.029	8-0.026		
189A	39	330mL	10mL	1-	149.419	2-87.400		
189B	39	"	10mL	3-	142.776	4-83.591		
191A	39	"	10mL	5-	271.851	6-134.422		
187A	39	"	10mL	7-	19.309	8-13.122		
187B	39	"	10mL	1-	20.233	2-13.836		
				3-		4-		
				5-		6-		
				7-		8-		
				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-	0.005			
Std	Low			2-	12.291			
Std	High			4-	66.703			
Blank	by			6-	0.025	8-0.023		

189 ^A CHL	189 ^B CHL	191 ^A CHL	187 ^A CHL	187 ^B CHL	450 ^B CHL	452 ^A CHL	422 ^B CHL	432 ^A CHL	438 ^A CHL
Stn 39	Stn 39	Stn 39	Stn 39	Stn 39	41	41	41	GEO1	38
2016-10	2016-10	2016-10	2016-10	2016-10	10 m	0 m	0 m	20m	0 m
Bot 19	Bot 19	Bot 21	Bot 17	Bot 17	2016-62	2016-62	2016-62	2016-62	2016-62
					Bot 12	Bot 14	Bot 14	Bot 8	Bot 3

438 ^B CHL	437 ^B CHL	436 ^B CHL	437 ^A CHL	436 ^A CHL	449 ^A CHL	449 ^B CHL	450 ^A CHL	422 ^B CHL	423 ^A CHL
38	38	38	38	38	41	41	41	28	28
0 m	10 m	20 m	10 m	20 m	20 m	20 m	10 m	20 m	10 m
2016-62	2016-62	2016-62	2016-62	2016-62	2016-62	2016-62	2016-62	2016-62	2016-62
Bot 3	Bot 2	Bot 1	Bot 2	Bot 1	Bot 11	Bot 11	Bot 12	Bot 1	Bot 2

423 ^B CHL	424 ^A CHL	424 ^B CHL	435 ^B CHL
28	28	28	GEO1
10 m	0 m	0 m	0 m
2016-62	2016-62	2016-62	2016-62
Bot 2	Bot 3	Bot 3	Bot 11

424^B