

2012-12 Chlorophyll duplicates - Page 1

Variability is assessed as the % CV (std dev/mean*100).

There were no outliers of CV > 15 %

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Duplicate samples from a single bottle

Event Number	Sample Number	Station	Pressure dbar	Chlorophyll:Extracted:Bottle			Phaeo-Pigment:Extracted:Bottle		
				Value 1 mg/m ³	Value 2 mg/m ³	CV %	Value 1 mg/m ³	Value 2 mg/m ³	CV %
2	12	P1	32.2	0.664	0.753	8.85	0.608	0.648	4.44
2	13	P1	6.7	22.512	22.524	0.04	2.955	2.685	6.75
5	25	P2	31.1	0.632	0.624	0.86	0.393	0.416	4.02
5	26	P2	16.4	2.548	2.499	1.37	0.780	0.694	8.27
5	27	P2	6.3	0.645	0.671	2.73	0.287	0.274	3.16
6	28	P3	41.4	1.091	1.037	3.63	0.395	0.445	8.43
6	29	P3	5.8	0.449	0.487	5.76	0.109	0.099	6.83
7	44	P4	41.4	0.631	0.599	3.71	0.346	0.377	6.14
7	45	P4	31.2	1.859	1.791	2.64	0.388	0.378	1.94
7	46	P4	6.5	0.393	0.384	1.59	0.040	0.037	6.20
19	180	P5	31.8	2.946	2.960	0.34	0.255	0.390	29.67
19	181	P5	5.6	0.245	0.245	0.08	0.066	0.071	4.25
20	182	P6	44.5	1.791	1.756	1.40	0.978	0.859	9.12
20	183	P6	6.0	0.743	0.739	0.38	0.193	0.231	12.57
21	184	P7	16.3	1.650	1.610	1.73	0.471	0.503	4.71
21	185	P7	7.5	1.665	1.754	3.69	0.478	0.482	0.56
22	205	P8	50.6	0.349	0.348	0.34	0.172	0.150	9.43
22	206	P8	21.8	0.365	0.382	3.20	0.081	0.076	4.71
22	207	P8	6.8	0.558	0.542	2.03	0.166	0.146	9.08
24	208	P9	52.9	1.935	1.880	2.04	0.468	0.567	13.56
24	209	P9	5.8	0.411	0.399	2.24	0.082	0.125	28.91
25	210	P10	51.4	0.380	0.372	1.47	0.176	0.211	12.65
25	211	P10	6.2	0.341	0.310	6.84	0.067	0.078	11.08
26	212	P11	61.8	0.387	0.368	3.53	0.187	0.200	5.01
26	213	P11	6.6	0.267	0.245	6.09	0.043	0.036	11.64
	Loop	P11		0.253	0.255	0.38	0.040	0.046	8.95
27	228	P12	61.2	0.316	0.332	3.56	0.116	0.145	15.68
27	229	P12	51.9	0.310	0.340	6.41	0.122	0.093	18.69
27	230	P12	6.8	0.300	0.321	4.74	0.044	0.037	12.14
38	326	P13	53.1	0.518	0.530	1.60	0.239	0.181	19.33
38	327	P13	6.4	0.325	0.304	4.54	0.027	0.031	9.09
39	328	P14	52.6	0.656	0.668	1.34	0.234	0.304	18.35
39	329	P14	6.3	0.323	0.321	0.46	0.052	0.074	24.98
40	330	P15	51.1	0.557	0.582	3.05	0.090	0.110	13.81
40	331	P15	6.4	0.282	0.255	7.11	0.081	0.057	24.74
44	366	P16	60.9	0.411	0.452	6.61	0.291	0.195	28.06
44	367	P16	51.0	0.532	0.538	0.73	0.182	0.198	6.06
44	368	P16	6.7	0.321	0.295	6.01	0.061	0.073	11.83
53	434	P17	50.3	0.501	0.534	4.52	0.321	0.264	13.84
53	435	P17	6.8	0.462	0.479	2.53	0.072	0.104	25.85
54	436	P18	52.0	0.461	0.461	0.02	0.244	0.196	15.63
54	437	P18	6.1	0.215	0.241	8.03	0.069	0.070	0.63

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				Value 1 mg/m ³	Value 2 mg/m ³	CV %	Value 1 mg/m ³	Value 2 mg/m ³	CV %
55	438	P19	52.0	0.397	0.379	3.30	0.225	0.234	2.75
55	439	P19	6.7	0.353	0.354	0.30	0.056	0.066	11.93
62	522	P20	71.7	0.370	0.345	4.88	0.261	0.323	14.94
62	523	P20	61.3	0.401	0.400	0.25	0.276	0.339	14.45
62	524	P20	7.1	0.290	0.312	5.22	0.064	0.094	26.67
67	541	P21	51.3	0.331	0.328	0.69	0.215	0.222	2.36
67	542	P21	6.1	0.217	0.254	11.33	0.092	0.094	1.73
	Loop	P21		0.231	0.233	0.38	0.072	0.069	3.11
70	543	P22	50.6	0.320	0.327	1.33	0.281	0.231	13.97
70	544	P22	6.2	0.274	0.274	0.04	0.068	0.075	7.09
	Loop	P22		0.240	0.252	3.23	0.085	0.070	13.44
71	567	P23	51.3	0.306	0.288	4.16	0.199	0.159	15.60
71	568	P23	6.8	0.305	0.319	3.19	0.054	0.057	4.15
72	569	P24	51.4	0.279	0.298	4.58	0.199	0.141	24.13
72	570	P24	6.6	0.241	0.258	4.80	0.053	0.078	27.12
73	574	P25	52.3	0.341	0.338	0.75	0.087	0.096	7.20
73	575	P25	6.7	0.347	0.343	0.79	0.080	0.080	0.61
74	576	P35	52.3	0.420	0.412	1.46	0.271	0.227	12.60
74	577	P35	6.0	0.487	0.469	2.59	0.075	0.053	24.51
86	694	PA-006	51.5	0.528	0.557	3.86	0.198	0.194	1.56
86	696	PA-006	6.6	0.405	0.383	3.97	0.067	0.069	1.91
	Loop 1			0.200	0.217	5.92	0.031	0.040	17.25
	Loop 2			0.180	0.187	2.53	0.031	0.034	6.98
	Loop 4			0.407	0.411	0.76	0.090	0.077	10.90
	Loop 5			0.347	0.299	10.52	0.089	0.077	9.63
	Loop 6			0.284	0.281	0.72	0.071	0.063	8.57
	Loop 7			0.923	0.896	2.09	0.583	0.539	5.49
107	831	P4	26.3	1.049	1.008	2.79	0.723	0.684	3.91
107	832	P4	14.4	1.020	1.059	2.69	0.707	0.653	5.54
107	833	P4	6.3	1.027	1.093	4.38	0.753	0.522	25.67