ChemCorrect(tm) - Mon, Apr 30, 2012, 10:35:05

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
1		[redacted]	[redacted]	[redacted]					
1		[redacted]	[redacted]	[redacted]					
2		[redacted]	[redacted]	[redacted]					
4		S1	-34.92	-122.60					
6		S2	-15.12	-76.30					
8		HHW	16.29	97.84					
9		[redacted]	[redacted]	[redacted]					
10		[redacted]	[redacted]	[redacted]					
12		[redacted]	[redacted]	[redacted]					
1		[redacted]	[redacted]	[redacted]					
2		[redacted]	[redacted]	[redacted]					
3		[redacted]	[redacted]	[redacted]					
4		[redacted]	[redacted]	[redacted]					
5		[redacted]	[redacted]	[redacted]					
6		[redacted]	[redacted]	[redacted]					
7		[redacted]	[redacted]	[redacted]					
8		[redacted]	[redacted]	[redacted]					
9		[redacted]	[redacted]	[redacted]					
10		[redacted]	[redacted]	[redacted]					
11		[redacted]	[redacted]	[redacted]					
12		[redacted]	[redacted]	[redacted]					
13		[redacted]	[redacted]	[redacted]					
14		[redacted]	[redacted]	[redacted]					
15		[redacted]	[redacted]	[redacted]					
16		[redacted]	[redacted]	[redacted]					
17		[redacted]	[redacted]	[redacted]					
18		[redacted]	[redacted]	[redacted]					
19		[redacted]	[redacted]	[redacted]					
20		[redacted]	[redacted]	[redacted]					
21		[redacted]	[redacted]	[redacted]					
22		[redacted]	[redacted]	[redacted]					
12		[redacted]	[redacted]	[redacted]					
1		[redacted]	[redacted]	[redacted]					
2		[redacted]	[redacted]	[redacted]					
4		S1	-34.94	-122.69					
6		S2	-15.09	-76.19					
8		HHW	16.27	97.81					
9		[redacted]	[redacted]	[redacted]					
10		[redacted]	[redacted]	[redacted]					
12		[redacted]	[redacted]	[redacted]					

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
1	MQ1	-3.99	-31.17	-5.49	-32.66	0.00079	0.00	987.37	2012/04/26 17:14:53	1.64	-29.99	2861.98
1	MQ1	-3.54	-27.92	-5.04	-29.47	0.00084	0.00	987.25	2012/04/26 17:26:05	4.32	-29.63	2887.22
1	MQ1	-3.54	-26.82	-5.04	-28.39	0.00085	0.00	986.90	2012/04/26 17:34:48	4.26	-29.50	2902.05
1	MQ1	-3.46	-26.56	-4.96	-28.14	0.00	0.00	987.31	2012/04/26 17:43:31	4.72	-29.78	2925.14
1	MQ1	-3.59	-26.29	-5.09	-27.87	0.00	0.00	987.02	2012/04/26 17:52:14	3.56	-29.13	2857.45
1	MQ1	-3.55	-26.03	-5.05	-27.62	0.00	0.00	986.81	2012/04/26 18:00:57	4.32	-29.69	2932.22
1	MQ1	-3.58	-25.93	-5.08	-27.52	0.00	0.00	986.90	2012/04/26 18:09:39	3.74	-29.36	2893.51
1	MQ1	-3.48	-26.05	-4.98	-27.64	0.00	0.00	987.44	2012/04/26 18:18:22	4.06	-29.39	2883.18
1	MQ1	-3.50	-25.97	-5.00	-27.56	0.00	0.00	987.25	2012/04/26 18:27:05	4.23	-29.36	2886.93
1	MQ1	-3.39	-25.88	-4.89	-27.47	0.00	0.00	987.45	2012/04/26 18:35:48	4.95	-29.48	2900.38
1	MQ1	-3.37	-25.89	-4.87	-27.48	0.00	0.00	987.31	2012/04/26 18:44:32	5.32	-29.38	2893.30
1	MQ1	-3.47	-25.81	-4.97	-27.40	0.00	0.00	986.65	2012/04/26 18:53:16	4.80	-28.57	2826.00

Sample 1 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
1		[redacted]							

ChemCorrect(tm) - Mon, Apr 30, 2012, 10:35:05

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
1	MQ1	-3.33	-25.99	-4.83	-27.58	0.00083	0.00	987.35	2012/04/26 19:02:01	5.41	-29.38	2898.71
1	MQ1	-3.47	-25.84	-4.98	-27.43	0.00083	0.00	986.83	2012/04/26 19:10:45	4.47	-28.55	2812.70
1	MQ1	-3.34	-25.92	-4.85	-27.51	0.00085	0.00	987.23	2012/04/26 19:19:29	5.59	-29.23	2884.79
1	MQ1	-3.38	-25.97	-4.88	-27.56	0.00	0.00	987.48	2012/04/26 19:28:13	5.11	-29.48	2901.16
1	MQ1	-3.35	-25.85	-4.85	-27.44	0.00	0.00	987.17	2012/04/26 19:36:57	5.42	-29.23	2887.65
1	MQ1	-3.19	-26.11	-4.69	-27.70	0.00	0.00	987.97	2012/04/26 19:45:41	5.95	-29.45	2890.92

Sample 2 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
1									

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
2	MQ2	-3.29	-25.94	-4.79	-27.53	0.00075	0.00	987.45	2012/04/26 19:54:25	5.34	-28.85	2828.04
2	MQ2	-3.33	-25.96	-4.83	-27.55	0.00085	0.00	986.95	2012/04/26 20:03:09	5.50	-28.92	2856.12
2	MQ2	-3.33	-25.94	-4.83	-27.53	0.00077	0.00	987.61	2012/04/26 20:11:52	5.23	-29.69	2912.90
2	MQ2	-3.29	-25.83	-4.79	-27.42	0.00	0.00	986.96	2012/04/26 20:20:36	6.02	-29.18	2885.21
2	MQ2	-3.37	-25.80	-4.87	-27.39	0.00	0.00	987.38	2012/04/26 20:29:21	5.14	-29.47	2904.61
2	MQ2	-3.42	-25.63	-4.92	-27.23	0.00	0.00	987.23	2012/04/26 20:38:05	4.60	-29.17	2871.14

Sample 3 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
2		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
4	S1	-33.68	-122.64	-34.90	-122.38	0.00091	0.00	986.52	2012/04/26 21:39:17	-157.42	-46.16	2910.75
4	S1	-33.64	-122.77	-34.86	-122.51	0.00093	0.00	986.25	2012/04/26 21:48:01	-153.20	-45.02	2838.54
4	S1	-33.69	-122.79	-34.91	-122.53	0.00087	0.00	986.65	2012/04/26 21:56:44	-157.30	-46.07	2902.52
4	S1	-33.69	-122.82	-34.91	-122.56	0.00	0.00	986.89	2012/04/26 22:05:29	-157.88	-46.31	2911.80
4	S1	-33.70	-122.89	-34.91	-122.63	0.00	0.00	986.70	2012/04/26 22:14:14	-157.59	-46.17	2908.68
4	S1	-33.72	-122.87	-34.94	-122.61	0.00	0.00	986.54	2012/04/26 22:22:58	-157.86	-46.27	2916.10

Sample 4 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
4		S1	-34.92	-122.60					

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
6	S2	-13.67	-75.82	-15.07	-76.45	0.00078	0.00	987.16	2012/04/26 23:24:06	-49.38	-37.53	2852.68
6	S2	-13.70	-75.63	-15.10	-76.27	0.00092	0.00	986.79	2012/04/26 23:32:50	-50.84	-38.73	2967.75
6	S2	-13.77	-75.67	-15.17	-76.31	0.00081	0.00	985.96	2012/04/26 23:41:35	-45.78	-34.47	2630.98
6	S2	-13.76	-75.64	-15.16	-76.28	0.00	0.00	986.89	2012/04/26 23:50:19	-50.11	-37.83	2887.17
6	S2	-13.63	-75.68	-15.03	-76.32	0.00	0.00	986.95	2012/04/26 23:59:03	-49.86	-38.30	2930.52
6	S2	-13.75	-75.66	-15.16	-76.30	0.00	0.00	986.40	2012/04/27 00:07:48	-49.76	-37.75	2893.93

Sample 5 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
6		S2	-15.12	-76.30					

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
8	HHW	18.01	101.11	16.30	97.10	0.00057	0.00	989.36	2012/04/27 01:09:03	119.09	-7.96	2909.75
8	HHW	18.06	101.16	16.36	97.15	0.00064	0.00	989.14	2012/04/27 01:17:48	120.13	-7.85	2919.14
8	HHW	17.99	101.51	16.29	97.49	0.00066	0.00	988.80	2012/04/27 01:26:32	119.61	-7.76	2917.17
8	HHW	17.96	101.80	16.26	97.78	0.00	0.00	988.75	2012/04/27 01:35:17	118.95	-7.69	2906.82
8	HHW	18.05	101.89	16.35	97.86	0.00	0.00	989.50	2012/04/27 01:44:03	119.68	-7.89	2919.79
8	HHW	17.95	101.91	16.25	97.88	0.00	0.00	989.19	2012/04/27 01:52:48	120.72	-7.84	2954.90

Sample 6 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
8		HHW	16.29	97.84					

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
9	MQ1	-2.81	-19.17	-4.32	-20.89	0.00068	0.00	987.83	2012/04/27 02:01:33	7.54	-28.37	2889.08
9	MQ1	-3.16	-23.35	-4.66	-24.99	0.00073	0.00	988.00	2012/04/27 02:10:18	6.21	-29.79	2967.94
9	MQ1	-3.17	-24.03	-4.67	-25.66	0.00069	0.00	988.18	2012/04/27 02:19:05	5.84	-29.57	2923.66
9	MQ1	-3.11	-24.67	-4.61	-26.28	0.00	0.00	987.55	2012/04/27 02:27:50	6.41	-28.48	2825.43
9	MQ1	-3.18	-24.88	-4.69	-26.49	0.00	0.00	988.25	2012/04/27 02:36:36	5.95	-29.58	2918.18
9	MQ1	-3.31	-24.81	-4.81	-26.42	0.00	0.00	987.23	2012/04/27 02:45:21	5.37	-28.58	2836.13

Sample 7 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
9		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
10	MQ2	-3.18	-25.21	-4.68	-26.81	0.00087	0.00	987.07	2012/04/27 02:54:07	6.40	-28.89	2863.15
10	MQ2	-3.34	-25.07	-4.85	-26.67	0.00079	0.00	987.17	2012/04/27 03:02:54	5.28	-29.12	2879.05
10	MQ2	-3.22	-24.99	-4.72	-26.60	0.00083	0.00	987.34	2012/04/27 03:11:39	6.04	-29.33	2905.86
10	MQ2	-3.26	-25.16	-4.76	-26.76	0.00	0.00	987.65	2012/04/27 03:20:25	5.56	-29.61	2918.31
10	MQ2	-3.30	-25.27	-4.80	-26.87	0.00	0.00	987.80	2012/04/27 03:29:11	5.27	-29.53	2903.30
10	MQ2	-3.33	-25.27	-4.83	-26.87	0.00	0.00	987.40	2012/04/27 03:37:58	5.54	-29.42	2911.49

Sample 8 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
10		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
12	S3	-5.80	-44.90	-7.27	-46.13	0.00084	0.00	987.04	2012/04/27 04:39:21	-7.67	-32.48	2885.57
12	S3	-5.77	-44.95	-7.25	-46.17	0.00077	0.00	987.60	2012/04/27 04:48:08	-7.84	-32.73	2891.79
12	S3	-5.88	-44.61	-7.35	-45.84	0.00076	0.00	987.31	2012/04/27 04:56:54	-8.48	-32.68	2891.36
12	S3	-5.76	-44.84	-7.24	-46.06	0.00	0.00	987.10	2012/04/27 05:05:39	-7.55	-32.66	2896.33
12	S3	-5.76	-44.93	-7.24	-46.16	0.00	0.00	986.92	2012/04/27 05:14:26	-7.05	-32.57	2903.57
12	S3	-5.66	-44.88	-7.14	-46.10	0.00	0.00	987.60	2012/04/27 05:23:12	-6.81	-32.82	2906.07

Sample 9 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
12		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
1	6507-04	-11.26	-104.93	-12.69	-105.02	0.00102	0.00	986.12	2012/04/27 05:31:59	-35.80	-42.50	2877.94
1	6507-04	-11.30	-107.22	-12.72	-107.26	0.00104	0.00	986.17	2012/04/27 05:40:45	-36.05	-43.07	2891.00
1	6507-04	-11.35	-107.59	-12.77	-107.62	0.00105	0.00	986.12	2012/04/27 05:49:32	-36.60	-43.48	2918.12
1	6507-04	-11.36	-107.86	-12.79	-107.89	0.00	0.00	987.42	2012/04/27 05:58:18	-37.95	-44.25	2941.85
1	6507-04	-11.41	-108.00	-12.83	-108.02	0.00	0.00	986.85	2012/04/27 06:07:04	-38.00	-44.44	2963.46
1	6507-04	-11.40	-108.04	-12.83	-108.06	0.00	0.00	986.65	2012/04/27 06:15:50	-37.62	-43.90	2928.79

Sample 10 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
1		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
2	6507-04_LD	-11.45	-108.02	-12.88	-108.04	0.00087	0.00	986.70	2012/04/27 06:24:37	-37.58	-43.40	2887.38
2	6507-04_LD	-11.44	-108.24	-12.86	-108.26	0.00093	0.00	986.67	2012/04/27 06:33:23	-38.03	-44.15	2942.38
2	6507-04_LD	-11.38	-108.07	-12.81	-108.09	0.00091	0.00	986.72	2012/04/27 06:42:10	-37.51	-43.85	2922.08
2	6507-04_LD	-11.38	-108.35	-12.80	-108.37	0.00	0.00	986.35	2012/04/27 06:50:57	-37.40	-44.27	2958.04
2	6507-04_LD	-11.38	-108.32	-12.81	-108.34	0.00	0.00	986.83	2012/04/27 06:59:45	-37.47	-43.89	2919.98
2	6507-04_LD	-11.41	-108.45	-12.83	-108.46	0.00	0.00	986.64	2012/04/27 07:08:32	-37.56	-44.00	2931.00

Sample 11 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
2		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
3	6507-05	-11.45	-108.34	-12.88	-108.36	0.00093	0.00	986.47	2012/04/27 07:17:19	-37.87	-43.91	2925.48
3	6507-05	-11.42	-108.37	-12.85	-108.39	0.00096	0.00	986.73	2012/04/27 07:26:06	-38.14	-44.61	2974.30
3	6507-05	-11.56	-108.16	-12.98	-108.18	0.00077	0.00	985.99	2012/04/27 07:34:52	-35.50	-39.98	2653.53
3	6507-05	-11.53	-108.47	-12.96	-108.48	0.00	0.00	986.49	2012/04/27 07:43:39	-37.30	-42.36	2810.26
3	6507-05	-11.47	-108.51	-12.90	-108.52	0.00	0.00	986.55	2012/04/27 07:52:26	-37.95	-44.09	2937.81
3	6507-05	-11.32	-108.45	-12.75	-108.46	0.00	0.00	987.05	2012/04/27 08:01:12	-37.36	-44.44	2959.74

Sample 12 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
3		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
4	6507-06	-12.69	-116.03	-14.11	-115.90	0.00099	0.00	985.82	2012/04/27 08:09:59	-42.73	-43.47	2812.66
4	6507-06	-12.68	-116.40	-14.09	-116.26	0.00085	0.00	986.62	2012/04/27 08:18:47	-42.94	-43.69	2808.58
4	6507-06	-12.64	-116.35	-14.06	-116.21	0.00086	0.00	986.49	2012/04/27 08:27:33	-42.79	-43.61	2808.47
4	6507-06	-12.75	-116.31	-14.16	-116.18	0.00	0.00	986.02	2012/04/27 08:36:20	-43.26	-43.87	2837.34
4	6507-06	-12.77	-116.42	-14.18	-116.28	0.00	0.00	986.30	2012/04/27 08:45:07	-43.48	-43.51	2803.43
4	6507-06	-12.82	-116.58	-14.23	-116.44	0.00	0.00	986.16	2012/04/27 08:53:54	-44.31	-44.48	2871.06

Sample 13 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
4		[redacted]							

EPAPAV0048890

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
5	6507-07	-11.73	-111.32	-13.15	-111.28	0.00097	0.00	986.11	2012/04/27 09:02:40	-39.26	-44.22	2915.73
5	6507-07	-11.60	-110.95	-13.03	-110.92	0.00086	0.00	986.71	2012/04/27 09:11:27	-38.69	-44.13	2902.89
5	6507-07	-11.67	-111.09	-13.09	-111.06	0.00088	0.00	985.58	2012/04/27 09:20:15	-35.30	-40.11	2637.35
5	6507-07	-11.64	-111.10	-13.07	-111.07	0.00	0.00	986.16	2012/04/27 09:29:02	-38.23	-44.01	2905.42
5	6507-07	-11.63	-110.96	-13.05	-110.93	0.00	0.00	986.42	2012/04/27 09:37:49	-38.60	-44.21	2915.76
5	6507-07	-11.59	-111.00	-13.01	-110.97	0.00	0.00	986.73	2012/04/27 09:46:37	-38.76	-44.43	2922.87

Sample 14 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
5		[redacted]							

EPAPAV0048891

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
6	6507-08	-11.56	-110.91	-12.99	-110.88	0.00092	0.00	986.13	2012/04/27 09:55:25	-37.33	-43.08	2843.18
6	6507-08	-11.65	-111.04	-13.08	-111.01	0.00098	0.00	985.99	2012/04/27 10:04:12	-38.29	-43.80	2892.69
6	6507-08	-11.49	-111.12	-12.92	-111.08	0.00090	0.00	986.86	2012/04/27 10:12:58	-38.18	-44.48	2927.58
6	6507-08	-11.55	-111.13	-12.97	-111.09	0.00	0.00	986.80	2012/04/27 10:21:47	-38.53	-44.58	2934.79
6	6507-08	-11.64	-111.04	-13.07	-111.01	0.00	0.00	986.16	2012/04/27 10:30:34	-38.17	-43.79	2891.25
6	6507-08	-11.51	-110.98	-12.94	-110.95	0.00	0.00	986.75	2012/04/27 10:39:22	-38.38	-44.41	2926.41

Sample 15 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
6		[redacted]							

EPAPAV0048892

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
7	6511-04	-11.56	-110.72	-12.99	-110.69	0.00097	0.00	986.16	2012/04/27 10:48:09	-37.78	-43.81	2893.83
7	6511-04	-11.49	-110.90	-12.92	-110.87	0.00086	0.00	987.02	2012/04/27 10:56:56	-38.32	-44.55	2931.76
7	6511-04	-11.44	-110.92	-12.86	-110.88	0.00081	0.00	987.44	2012/04/27 11:05:43	-38.31	-44.70	2932.57
7	6511-04	-11.43	-110.98	-12.86	-110.95	0.00	0.00	987.44	2012/04/27 11:14:31	-38.23	-44.65	2928.51
7	6511-04	-11.43	-111.02	-12.86	-110.99	0.00	0.00	987.34	2012/04/27 11:23:20	-38.31	-44.88	2947.84
7	6511-04	-11.44	-111.02	-12.87	-110.99	0.00	0.00	987.10	2012/04/27 11:32:09	-38.18	-44.84	2953.03

Sample 16 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
7		[redacted]							

EPAPAV0048893

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
8	6514-04	-11.07	-101.00	-12.50	-101.15	0.00085	0.00	987.17	2012/04/27 11:40:56	-35.83	-42.57	2911.71
8	6514-04	-11.14	-100.58	-12.57	-100.74	0.00093	0.00	986.78	2012/04/27 11:49:43	-36.32	-42.88	2947.97
8	6514-04	-11.14	-100.52	-12.56	-100.69	0.00087	0.00	987.07	2012/04/27 11:58:31	-36.56	-42.89	2942.24
8	6514-04	-11.18	-100.24	-12.61	-100.41	0.00	0.00	986.45	2012/04/27 12:07:20	-36.50	-43.03	2968.67
8	6514-04	-11.21	-100.36	-12.64	-100.53	0.00	0.00	987.22	2012/04/27 12:16:08	-36.97	-42.52	2909.30
8	6514-04	-11.30	-100.35	-12.73	-100.52	0.00	0.00	986.30	2012/04/27 12:24:55	-37.41	-43.03	2967.79

Sample 17 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
8		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
9	6514-05	-12.14	-112.74	-13.56	-112.67	0.00092	0.00	985.37	2012/04/27 12:33:44	-37.55	-40.42	2646.28
9	6514-05	-12.07	-112.92	-13.49	-112.85	0.00085	0.00	987.01	2012/04/27 12:42:32	-41.88	-45.22	2952.98
9	6514-05	-12.06	-113.16	-13.48	-113.09	0.00096	0.00	986.57	2012/04/27 12:51:20	-41.11	-45.00	2943.72
9	6514-05	-12.01	-113.33	-13.43	-113.25	0.00	0.00	987.02	2012/04/27 13:00:09	-41.22	-45.17	2947.78
9	6514-05	-12.19	-113.23	-13.61	-113.15	0.00	0.00	986.27	2012/04/27 13:08:57	-41.96	-44.97	2944.88
9	6514-05	-12.04	-113.27	-13.46	-113.19	0.00	0.00	986.59	2012/04/27 13:17:45	-41.09	-45.09	2950.46

Sample	Data Error	Name	Sample 18 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
9		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
10	6514-06	-12.79	-116.62	-14.20	-116.48	0.00084	0.00	986.53	2012/04/27 13:26:33	-44.01	-43.92	2823.32
10	6514-06	-12.86	-116.76	-14.27	-116.61	0.00094	0.00	986.27	2012/04/27 13:35:23	-44.34	-44.20	2851.02
10	6514-06	-12.78	-116.75	-14.20	-116.60	0.00092	0.00	986.56	2012/04/27 13:44:12	-44.48	-44.75	2884.87
10	6514-06	-12.87	-116.93	-14.28	-116.78	0.00	0.00	986.63	2012/04/27 13:53:01	-45.30	-45.01	2895.82
10	6514-06	-12.78	-116.92	-14.19	-116.77	0.00	0.00	986.41	2012/04/27 14:01:50	-44.83	-45.49	2936.23
10	6514-06	-12.73	-117.02	-14.14	-116.87	0.00	0.00	986.96	2012/04/27 14:10:39	-44.63	-45.29	2913.85

Sample 19 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
10		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
11	6521-04	-11.99	-113.09	-13.41	-113.02	0.00096	0.00	986.03	2012/04/27 14:19:28	-40.05	-44.02	2881.18
11	6521-04	-11.87	-112.94	-13.29	-112.87	0.00106	0.00	986.09	2012/04/27 14:28:18	-39.65	-44.67	2933.56
11	6521-04	-11.80	-113.32	-13.23	-113.24	0.00100	0.00	986.41	2012/04/27 14:37:07	-39.10	-44.16	2891.16
11	6521-04	-11.79	-113.29	-13.22	-113.21	0.00	0.00	987.10	2012/04/27 14:45:56	-39.98	-44.90	2925.57
11	6521-04	-11.77	-113.09	-13.19	-113.02	0.00	0.00	986.83	2012/04/27 14:54:47	-39.27	-44.49	2907.81
11	6521-04	-11.82	-113.16	-13.24	-113.08	0.00	0.00	985.88	2012/04/27 15:03:37	-35.84	-40.36	2639.85

Sample	Data Error	Name	Sample 20 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
11		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
12	6521-05	-11.79	-113.27	-13.22	-113.19	0.00100	0.00	985.37	2012/04/27 15:12:27	-35.49	-40.27	2641.89
12	6521-05	-11.87	-113.05	-13.29	-112.97	0.00090	0.00	985.68	2012/04/27 15:21:15	-36.25	-40.38	2641.26
12	6521-05	-11.85	-113.04	-13.27	-112.97	0.00090	0.00	985.87	2012/04/27 15:30:05	-36.23	-40.49	2643.22
12	6521-05	-11.90	-112.99	-13.33	-112.91	0.00	0.00	985.66	2012/04/27 15:38:56	-36.45	-40.41	2644.96
12	6521-05	-11.86	-113.16	-13.29	-113.09	0.00	0.00	986.36	2012/04/27 15:47:46	-39.66	-44.46	2911.15
12	6521-05	-11.84	-113.16	-13.26	-113.08	0.00	0.00	986.65	2012/04/27 15:56:35	-39.87	-44.78	2931.08

Sample 21 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
12		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
13	6521-06	-11.76	-113.23	-13.18	-113.15	0.00093	0.00	987.03	2012/04/27 16:05:25	-39.81	-45.22	2956.16
13	6521-06	-11.89	-113.09	-13.31	-113.01	0.00095	0.00	986.76	2012/04/27 16:14:15	-40.78	-45.42	2970.58
13	6521-06	-11.77	-113.24	-13.19	-113.17	0.00100	0.00	986.76	2012/04/27 16:23:04	-39.34	-44.93	2938.73
13	6521-06	-11.86	-113.21	-13.28	-113.13	0.00	0.00	986.64	2012/04/27 16:31:53	-39.96	-44.72	2927.85
13	6521-06	-11.91	-113.06	-13.34	-112.99	0.00	0.00	986.47	2012/04/27 16:40:43	-40.41	-44.81	2934.93
13	6521-06	-11.89	-113.04	-13.31	-112.97	0.00	0.00	986.24	2012/04/27 16:49:33	-39.62	-44.41	2917.53

Sample	Data Error	Name	Sample 22 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
13		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
14	6521-07	-11.81	-113.24	-13.23	-113.16	0.00099	0.00	986.23	2012/04/27 16:58:23	-38.16	-43.27	2832.47
14	6521-07	-11.82	-113.33	-13.24	-113.25	0.00089	0.00	985.98	2012/04/27 17:07:14	-36.23	-40.69	2651.92
14	6521-07	-11.85	-113.33	-13.27	-113.25	0.00092	0.00	986.93	2012/04/27 17:16:04	-40.23	-45.10	2941.65
14	6521-07	-11.95	-113.09	-13.37	-113.02	0.00	0.00	986.65	2012/04/27 17:24:55	-40.33	-44.37	2898.46
14	6521-07	-11.91	-113.13	-13.33	-113.05	0.00	0.00	986.52	2012/04/27 17:33:44	-40.60	-45.27	2969.39
14	6521-07	-11.87	-113.13	-13.29	-113.05	0.00	0.00	986.85	2012/04/27 17:42:35	-40.14	-44.82	2926.91

Sample 23 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
14		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
15	6521-08	-11.78	-113.20	-13.21	-113.12	0.00099	0.00	986.35	2012/04/27 17:51:24	-38.76	-43.98	2879.43
15	6521-08	-11.88	-113.08	-13.30	-113.00	0.00093	0.00	985.58	2012/04/27 18:00:14	-36.35	-40.58	2652.83
15	6521-08	-11.89	-112.93	-13.31	-112.86	0.00095	0.00	986.37	2012/04/27 18:09:04	-39.93	-44.40	2909.34
15	6521-08	-11.82	-112.95	-13.24	-112.88	0.00	0.00	986.83	2012/04/27 18:17:55	-39.94	-44.74	2921.57
15	6521-08	-11.95	-112.97	-13.37	-112.90	0.00	0.00	986.18	2012/04/27 18:26:45	-40.28	-44.69	2930.68
15	6521-08	-11.95	-113.01	-13.37	-112.94	0.00	0.00	986.16	2012/04/27 18:35:35	-40.24	-44.53	2919.53

Sample 24 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
15		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
16	6521-09	-11.99	-113.08	-13.41	-113.00	0.00091	0.00	986.13	2012/04/27 18:44:26	-40.05	-43.81	2865.53
16	6521-09	-11.92	-113.25	-13.34	-113.18	0.00102	0.00	985.88	2012/04/27 18:53:16	-39.05	-43.51	2851.33
16	6521-09	-11.99	-113.23	-13.41	-113.15	0.00109	0.00	985.45	2012/04/27 19:02:07	-39.68	-43.97	2893.22
16	6521-09	-11.87	-113.19	-13.29	-113.11	0.00	0.00	986.29	2012/04/27 19:10:59	-40.14	-44.78	2936.94
16	6521-09	-11.93	-113.26	-13.35	-113.18	0.00	0.00	985.75	2012/04/27 19:19:49	-39.65	-44.36	2913.44
16	6521-09	-11.95	-113.21	-13.37	-113.14	0.00	0.00	986.11	2012/04/27 19:28:39	-40.37	-44.65	2925.76

Sample 25 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
16		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
17	6521-10	-11.92	-113.24	-13.34	-113.17	0.00086	0.00	986.61	2012/04/27 19:37:29	-40.28	-44.29	2890.62
17	6521-10	-11.96	-113.26	-13.38	-113.18	0.00099	0.00	985.90	2012/04/27 19:46:20	-39.47	-43.71	2861.35
17	6521-10	-11.90	-113.28	-13.32	-113.20	0.00102	0.00	986.25	2012/04/27 19:55:11	-40.32	-45.07	2952.23
17	6521-10	-11.99	-113.24	-13.42	-113.17	0.00	0.00	986.03	2012/04/27 20:04:01	-40.25	-44.23	2895.24
17	6521-10	-11.93	-113.30	-13.35	-113.22	0.00	0.00	986.19	2012/04/27 20:12:53	-40.59	-45.21	2963.03
17	6521-10	-11.93	-113.27	-13.35	-113.20	0.00	0.00	986.13	2012/04/27 20:21:43	-40.10	-44.62	2922.82

Sample 26 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
17		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
18	6521-11	-11.81	-113.31	-13.23	-113.24	0.00091	0.00	986.62	2012/04/27 20:30:35	-39.10	-44.07	2879.29
18	6521-11	-11.87	-113.30	-13.29	-113.22	0.00095	0.00	986.38	2012/04/27 20:39:25	-39.56	-44.29	2896.49
18	6521-11	-11.92	-113.15	-13.34	-113.08	0.00089	0.00	986.65	2012/04/27 20:48:16	-40.48	-44.65	2913.56
18	6521-11	-11.87	-113.26	-13.29	-113.18	0.00	0.00	986.31	2012/04/27 20:57:07	-39.68	-44.41	2907.73
18	6521-11	-11.87	-113.35	-13.29	-113.28	0.00	0.00	986.20	2012/04/27 21:05:58	-38.24	-42.75	2791.63
18	6521-11	-11.86	-113.35	-13.28	-113.27	0.00	0.00	986.43	2012/04/27 21:14:49	-40.08	-44.91	2941.88

Sample 27 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
18		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
19	6521-12	-11.97	-113.35	-13.40	-113.27	0.00104	0.00	985.51	2012/04/27 21:23:39	-39.02	-43.21	2836.49
19	6521-12	-11.90	-113.34	-13.32	-113.26	0.00094	0.00	986.28	2012/04/27 21:32:31	-39.37	-43.87	2870.21
19	6521-12	-11.91	-113.28	-13.33	-113.20	0.00101	0.00	986.07	2012/04/27 21:41:22	-40.11	-44.67	2926.41
19	6521-12	-11.93	-113.40	-13.35	-113.32	0.00	0.00	986.03	2012/04/27 21:50:13	-39.67	-44.02	2881.21
19	6521-12	-11.92	-113.48	-13.35	-113.39	0.00	0.00	986.56	2012/04/27 21:59:05	-40.28	-44.67	2916.63
19	6521-12	-12.00	-113.28	-13.42	-113.20	0.00	0.00	985.69	2012/04/27 22:07:56	-40.12	-44.30	2909.56

Sample	Data Error	Name	Sample 28 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
19		[redacted]							

EPAPAV0048905

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
20	6521-13	-11.91	-113.47	-13.33	-113.39	0.00095	0.00	986.27	2012/04/27 22:16:48	-39.25	-43.85	2862.78
20	6521-13	-11.88	-113.32	-13.30	-113.25	0.00088	0.00	986.54	2012/04/27 22:25:39	-38.98	-43.38	2828.73
20	6521-13	-11.84	-113.35	-13.26	-113.28	0.00098	0.00	986.45	2012/04/27 22:34:30	-39.39	-44.45	2908.35
20	6521-13	-11.90	-113.42	-13.32	-113.34	0.00	0.00	986.34	2012/04/27 22:43:22	-39.73	-44.49	2910.27
20	6521-13	-11.82	-113.46	-13.25	-113.38	0.00	0.00	986.72	2012/04/27 22:52:14	-39.96	-45.24	2955.29
20	6521-13	-11.93	-113.52	-13.35	-113.44	0.00	0.00	986.63	2012/04/27 23:01:05	-40.64	-44.93	2935.45

Sample	Data Error	Name	Sample 29 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
20		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
21	6521-14	-11.91	-113.52	-13.33	-113.44	0.00096	0.00	986.21	2012/04/27 23:09:57	-39.59	-44.02	2876.24
21	6521-14	-11.94	-113.43	-13.36	-113.35	0.00097	0.00	986.38	2012/04/27 23:18:50	-40.18	-44.65	2917.94
21	6521-14	-11.88	-113.49	-13.30	-113.41	0.00092	0.00	986.65	2012/04/27 23:27:42	-40.10	-44.69	2916.20
21	6521-14	-11.90	-113.54	-13.32	-113.45	0.00	0.00	986.45	2012/04/27 23:36:35	-40.24	-44.84	2930.86
21	6521-14	-11.81	-113.70	-13.23	-113.61	0.00	0.00	987.13	2012/04/27 23:45:26	-40.10	-45.05	2931.96
21	6521-14	-11.90	-113.67	-13.33	-113.59	0.00	0.00	986.96	2012/04/27 23:54:19	-40.69	-44.98	2927.58

Sample	Data Error	Name	Sample 30 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
21		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
22	6521-14_LD	-11.83	-113.60	-13.26	-113.52	0.00100	0.00	986.03	2012/04/28 00:03:11	-38.69	-43.84	2867.50
22	6521-14_LD	-11.96	-113.53	-13.38	-113.45	0.00095	0.00	986.30	2012/04/28 00:12:03	-39.95	-44.26	2890.02
22	6521-14_LD	-11.93	-113.41	-13.36	-113.33	0.00096	0.00	986.44	2012/04/28 00:20:55	-40.27	-44.67	2916.97
22	6521-14_LD	-11.92	-113.52	-13.34	-113.44	0.00	0.00	986.95	2012/04/28 00:29:47	-40.93	-45.14	2939.11
22	6521-14_LD	-11.89	-113.47	-13.31	-113.39	0.00	0.00	986.10	2012/04/28 00:38:39	-39.80	-44.66	2928.48
22	6521-14_LD	-11.98	-113.35	-13.40	-113.27	0.00	0.00	985.98	2012/04/28 00:47:32	-40.56	-44.64	2928.55

Sample 31 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
22		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
12	S3	-5.84	-45.57	-7.32	-46.78	0.00098	0.00	986.68	2012/04/28 01:49:43	-7.40	-32.92	2931.22
12	S3	-5.77	-45.46	-7.25	-46.68	0.00080	0.00	987.72	2012/04/28 01:58:36	-7.78	-33.27	2938.65
12	S3	-5.74	-45.54	-7.22	-46.75	0.00083	0.00	987.67	2012/04/28 02:07:28	-7.50	-33.18	2932.85
12	S3	-5.76	-45.64	-7.24	-46.86	0.00	0.00	987.78	2012/04/28 02:16:21	-7.59	-33.07	2917.31
12	S3	-5.77	-45.43	-7.25	-46.65	0.00	0.00	988.10	2012/04/28 02:25:15	-7.94	-33.55	2957.36
12	S3	-5.79	-45.36	-7.27	-46.58	0.00	0.00	987.82	2012/04/28 02:34:07	-7.99	-32.85	2895.16

Sample	Data Error	Name	Sample 32 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
12		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
1	MQ1	-3.35	-27.08	-4.85	-28.65	0.00088	0.00	987.47	2012/04/28 02:43:00	5.74	-30.07	2950.75
1	MQ1	-3.30	-26.32	-4.80	-27.90	0.00086	0.00	987.34	2012/04/28 02:51:53	5.74	-29.36	2895.02
1	MQ1	-3.34	-26.04	-4.84	-27.63	0.00070	0.00	987.99	2012/04/28 03:00:47	4.88	-29.74	2911.80
1	MQ1	-3.28	-26.01	-4.78	-27.59	0.00	0.00	987.69	2012/04/28 03:09:40	6.12	-30.30	2995.49
1	MQ1	-3.30	-25.88	-4.80	-27.47	0.00	0.00	987.79	2012/04/28 03:18:34	5.61	-29.92	2945.31
1	MQ1	-3.34	-25.75	-4.84	-27.34	0.00	0.00	987.52	2012/04/28 03:27:29	5.58	-29.83	2951.56

Sample	Data Error	Name	Sample 33 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
1		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
2	MQ2	-3.36	-25.80	-4.87	-27.39	0.00084	0.00	987.44	2012/04/28 03:36:21	5.33	-29.72	2927.93
2	MQ2	-3.29	-25.97	-4.79	-27.56	0.00077	0.00	987.94	2012/04/28 03:45:15	5.69	-30.06	2955.29
2	MQ2	-3.42	-25.78	-4.92	-27.37	0.00088	0.00	986.90	2012/04/28 03:54:08	5.15	-29.26	2897.76
2	MQ2	-3.32	-25.76	-4.83	-27.36	0.00	0.00	988.18	2012/04/28 04:03:02	5.12	-29.97	2940.49
2	MQ2	-3.23	-25.81	-4.74	-27.40	0.00	0.00	988.49	2012/04/28 04:11:56	5.62	-30.05	2941.07
2	MQ2	-3.20	-25.91	-4.70	-27.50	0.00	0.00	988.42	2012/04/28 04:20:50	5.83	-29.85	2921.84

Sample	Data Error	Name	Sample 34 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
2		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
4	S1	-33.68	-122.56	-34.89	-122.30	0.00081	0.00	986.99	2012/04/28 05:23:08	-156.61	-45.91	2890.07
4	S1	-33.69	-122.63	-34.91	-122.37	0.00073	0.00	987.64	2012/04/28 05:32:02	-160.66	-47.10	2954.23
4	S1	-33.67	-122.80	-34.89	-122.54	0.00085	0.00	987.13	2012/04/28 05:40:55	-159.25	-46.76	2939.76
4	S1	-33.70	-122.80	-34.91	-122.54	0.00	0.00	986.64	2012/04/28 05:49:50	-158.37	-46.33	2925.21
4	S1	-33.59	-122.70	-34.81	-122.44	0.00	0.00	987.71	2012/04/28 05:58:44	-159.10	-46.86	2941.46
4	S1	-33.70	-122.82	-34.91	-122.56	0.00	0.00	986.59	2012/04/28 06:07:38	-155.22	-45.46	2866.21

Sample 35 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
4		S1	-34.94	-122.69					

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
6	S2	-13.59	-75.42	-15.00	-76.07	0.00081	0.00	987.40	2012/04/28 07:10:03	-49.98	-38.39	2930.09
6	S2	-13.61	-75.52	-15.01	-76.16	0.00085	0.00	987.19	2012/04/28 07:18:58	-50.08	-38.51	2942.10
6	S2	-13.61	-75.44	-15.01	-76.09	0.00083	0.00	987.33	2012/04/28 07:27:53	-50.30	-38.55	2946.40
6	S2	-13.59	-75.45	-15.00	-76.10	0.00	0.00	987.29	2012/04/28 07:36:49	-50.62	-38.82	2968.18
6	S2	-13.66	-75.42	-15.06	-76.06	0.00	0.00	987.09	2012/04/28 07:45:43	-50.00	-38.14	2911.14
6	S2	-13.64	-75.33	-15.05	-75.97	0.00	0.00	987.20	2012/04/28 07:54:38	-50.26	-38.45	2939.32

Sample 36 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
6		S2	-15.09	-76.19					

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
8	HHW	17.81	101.36	16.11	97.34	0.00066	0.00	988.54	2012/04/28 08:57:03	119.07	-7.77	2927.51
8	HHW	17.95	101.50	16.25	97.48	0.00059	0.00	989.38	2012/04/28 09:05:57	122.29	-8.02	2996.42
8	HHW	18.01	101.68	16.31	97.65	0.00047	0.00	989.90	2012/04/28 09:14:53	119.66	-8.09	2935.43
8	HHW	18.00	101.68	16.29	97.65	0.00	0.00	989.06	2012/04/28 09:23:47	120.76	-7.78	2947.89
8	HHW	18.04	101.86	16.33	97.84	0.00	0.00	989.10	2012/04/28 09:32:43	119.89	-7.73	2922.49
8	HHW	17.98	102.06	16.28	98.03	0.00	0.00	988.49	2012/04/28 09:41:40	120.02	-7.50	2920.17

Sample 37 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
8		HHW	16.27	97.81					

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
9	MQ1	-2.88	-18.96	-4.39	-20.69	0.00085	0.00	987.25	2012/04/28 09:50:36	8.01	-28.75	2961.41
9	MQ1	-3.19	-23.12	-4.69	-24.76	0.00087	0.00	987.09	2012/04/28 09:59:31	6.25	-29.22	2938.47
9	MQ1	-3.19	-23.99	-4.69	-25.61	0.00076	0.00	987.68	2012/04/28 10:08:27	5.83	-29.02	2880.79
9	MQ1	-3.22	-24.50	-4.72	-26.12	0.00	0.00	988.04	2012/04/28 10:17:22	5.33	-28.97	2855.39
9	MQ1	-3.15	-24.70	-4.66	-26.31	0.00	0.00	988.06	2012/04/28 10:26:18	6.18	-29.26	2888.58
9	MQ1	-3.26	-24.80	-4.77	-26.41	0.00	0.00	987.23	2012/04/28 10:35:14	5.68	-28.51	2830.74

Sample	Data Error	Name	Sample 38 Summary Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
9		[redacted]							

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Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
10	MQ2	-3.25	-24.90	-4.75	-26.51	0.00080	0.00	987.66	2012/04/28 10:44:11	5.90	-29.69	2935.94
10	MQ2	-3.29	-25.10	-4.79	-26.71	0.00082	0.00	987.48	2012/04/28 10:53:06	5.55	-29.73	2942.10
10	MQ2	-3.23	-25.13	-4.73	-26.73	0.00081	0.00	987.59	2012/04/28 11:02:02	6.10	-29.47	2922.67
10	MQ2	-3.30	-25.19	-4.80	-26.79	0.00	0.00	987.66	2012/04/28 11:10:58	5.45	-29.33	2898.13
10	MQ2	-3.26	-25.19	-4.77	-26.79	0.00	0.00	987.32	2012/04/28 11:19:55	6.31	-29.57	2936.61
10	MQ2	-3.35	-25.16	-4.85	-26.76	0.00	0.00	987.36	2012/04/28 11:28:51	5.15	-29.11	2879.30

Sample 39 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
10		[redacted]							

Sample	Name	Measured d(18_16) Mean	Measured d(D_H) Mean	Calibrated d(18_16) Mean	Calibrated d(D_H) Mean	CH₃OH	CH₄	Other	Time Code	77	82	Splinemax
12	S3	-5.88	-44.50	-7.36	-45.73	0.00081	0.00	987.21	2012/04/28 12:31:25	-8.31	-32.62	2894.92
12	S3	-5.85	-44.74	-7.33	-45.97	0.00088	0.00	987.06	2012/04/28 12:40:21	-7.99	-32.81	2918.86
12	S3	-5.86	-44.81	-7.34	-46.04	0.00085	0.00	987.07	2012/04/28 12:49:17	-8.05	-32.74	2915.20
12	S3	-5.79	-44.65	-7.27	-45.88	0.00	0.00	986.95	2012/04/28 12:58:14	-7.26	-32.22	2876.08
12	S3	-5.92	-44.83	-7.40	-46.06	0.00	0.00	987.49	2012/04/28 13:07:11	-8.65	-32.64	2889.30
12	S3	-5.87	-44.80	-7.35	-46.02	0.00	0.00	987.31	2012/04/28 13:16:09	-8.22	-33.22	2957.51

Sample 40 Summary

Sample	Data Error	Name	Calibrated d¹⁸O Mean	Calibrated d²H Mean	CH₃OH	CH₄	C₂₊ alcohols	slope	relative %deviation
12		[redacted]							

Line	1	2	3	4	5	6
Analysis	P-1050	P-1050	P-1050	P-1050	P-1050	P-1050
Time Code	2012/04/26 17:14:53	2012/04/26 17:26:05	2012/04/26 17:34:48	2012/04/26 17:43:31	2012/04/26 17:52:14	2012/04/26 18:00:57
Port	1-01	1-01	1-01	1-01	1-01	1-01
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.991	-3.54	-3.541	-3.46	-3.591	-3.547
d(D_H)Mean	-31.174	-27.917	-26.819	-26.558	-26.287	-26.029
H2O_Mean	21357.796	21547.138	21656.629	21829.695	21323.289	21882.25
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335478216	1335478887	1335479412	1335479934	1335480460	1335480981
d(18_16)_SD	0.195	0.181	0.185	0.196	0.198	0.155
d(D_H)_SD	0.542	0.613	0.579	0.613	0.531	0.694
H2O_SD	57.693	87.725	74.587	73.493	71.695	66.319
d(18_16)_SI	0	0.001	0.001	0.001	0.001	0
d(D_H)_SI	0	-0.005	-0.004	-0.002	-0.003	-0.004
H2O_SI	1.355	2.095	1.766	1.757	1.72	1.596
ORGANIC_BASE	987.37298	987.24786	986.89916	987.30945	987.01905	986.80949
ORGANIC_MEOH_AMPL	0.00079	0.00084	0.00085	0.00082	0.00076	0.00086
ORGANIC_SLOPE	-35.43205	-36.28525	-35.53384	-36.53387	-34.46293	-35.42839
ORGANIC_CH4CONC	-0.00069	-0.00068	-0.00063	-0.00069	-0.00067	-0.00066
ORGANIC_CM_SHIFT	0.00008	0.00002	0	0.00001	0	0.00001
ORGANIC_STDEV	3.69832	3.80912	3.63938	3.89103	3.80348	3.82181
ORGANIC_Y	1.06735	1.06785	1.06811	1.0686	1.06727	1.06873
ORGANIC_77	1.63949	4.32406	4.25595	4.72095	3.56399	4.31906
ORGANIC_82	-29.98713	-29.62813	-29.5003	-29.77778	-29.1296	-29.69051
ORGANIC_SPLINEMAX	2861.98068	2887.21709	2902.04762	2925.14005	2857.44766	2932.21554
ORGANIC_SQUISH	0.04316	0.04296	0.04171	0.04311	0.0429	0.04221
STANDARD_BASE	994.67799	994.85613	994.57637	994.86569	994.04996	994.39543
STANDARD_STDEV	0.99209	1.02689	1.01774	1.04035	0.97339	0.99026
DAS Temp	42.5	42.313	42.188	42.125	42.188	42.25
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	1	1	1	1	1	1
Job	29	29	29	29	29	29
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	7	8	9	10	11	12
Analysis	P-1050	P-1050	P-1050	P-1050	P-1050	P-1050
Time Code	2012/04/26 18:09:39	2012/04/26 18:18:22	2012/04/26 18:27:05	2012/04/26 18:35:48	2012/04/26 18:44:32	2012/04/26 18:53:16
Port	1-01	1-01	1-01	1-01	1-01	1-01
Inj Nr	7	8	9	10	11	12
d(18_16)Mean	-3.583	-3.475	-3.503	-3.387	-3.367	-3.472
d(D_H)Mean	-25.926	-26.053	-25.968	-25.882	-25.892	-25.813
H2O_Mean	21592.498	21514.674	21544.061	21644.613	21593.056	21091.372
Ignore	0	0	0	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335481504	1335482024	1335482548	1335483071	1335483595	1335484122
d(18_16)_SD	0.146	0.163	0.166	0.181	0.174	0.165
d(D_H)_SD	0.66	0.751	0.55	0.62	0.553	0.573
H2O_SD	72.094	64.603	65.824	63.189	68.835	67.53
d(18_16)_SI	0.001	0	0	0	0	0.002
d(D_H)_SI	-0.004	-0.001	0.002	0	0.001	-0.002
H2O_SI	1.687	1.537	1.57	1.502	1.629	1.594
ORGANIC_BASE	986.90234	987.4437	987.25092	987.44581	987.30881	986.64713
ORGANIC_MEOH_AMPL	0.00078	0.00072	0.00077	0.00079	0.00084	0.00087
ORGANIC_SLOPE	-34.95174	-35.39508	-35.48073	-36.16687	-36.45667	-35.27294
ORGANIC_CH4CONC	-0.00065	-0.00068	-0.00069	-0.00071	-0.00072	-0.00064
ORGANIC_CM_SHIFT	0	0	0.00001	0.00001	0	0.00001
ORGANIC_STDEV	3.80402	3.73066	3.81001	3.87805	3.96392	3.83558
ORGANIC_Y	1.06797	1.06776	1.06785	1.06812	1.06798	1.06665
ORGANIC_77	3.73925	4.057	4.23414	4.95002	5.31578	4.7993
ORGANIC_82	-29.36157	-29.39148	-29.36417	-29.48017	-29.3764	-28.56783
ORGANIC_SPLINEMAX	2893.51489	2883.18336	2886.92544	2900.38043	2893.30059	2825.99896
ORGANIC_SQUISH	0.04228	0.04079	0.04136	0.04202	0.04425	0.04405
STANDARD_BASE	994.1465	994.50009	994.43192	994.78727	994.83232	994.23406
STANDARD_STDEV	0.96776	1.05002	1.00129	1.02152	1.00774	0.99058
DAS Temp	42	42	41.813	41.875	41.75	41.688
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	1	1	1	1	1	1
Job	29	29	29	29	29	29
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	13	14	15	16	17	18
Analysis	P-1050	P-1050	P-1050	P-1050	P-1050	P-1050
Time Code	2012/04/26 19:02:01	2012/04/26 19:10:45	2012/04/26 19:19:29	2012/04/26 19:28:13	2012/04/26 19:36:57	2012/04/26 19:45:41
Port	1-01	1-01	1-01	1-01	1-01	1-01
Inj Nr	13	14	15	16	17	18
d(18_16)Mean	-3.328	-3.474	-3.344	-3.376	-3.345	-3.188
d(D_H)Mean	-25.989	-25.841	-25.92	-25.97	-25.854	-26.112
H2O_Mean	21632.414	20990.921	21530.311	21650.792	21550.2	21574.138
Ignore	0	0	0	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335484645	1335485170	1335485693	1335486217	1335486742	1335487264
d(18_16)_SD	0.174	0.184	0.173	0.192	0.156	0.141
d(D_H)_SD	0.713	0.648	0.576	0.643	0.594	0.491
H2O_SD	66.222	65.639	64.972	74.001	73.542	66.289
d(18_16)_SI	0.001	0	0	0.002	0.001	0
d(D_H)_SI	0.001	-0.001	-0.003	-0.002	0	0.001
H2O_SI	1.572	1.59	1.551	1.768	1.741	1.58
ORGANIC_BASE	987.34847	986.8339	987.22956	987.4826	987.17063	987.97462
ORGANIC_MEOH_AMPL	0.00083	0.00083	0.00085	0.00081	0.00086	0.00076
ORGANIC_SLOPE	-36.39531	-34.57434	-36.69137	-36.05533	-35.99846	-36.97993
ORGANIC_CH4CONC	-0.00068	-0.00066	-0.0007	-0.0007	-0.00068	-0.00072
ORGANIC_CM_SHIFT	-0.00001	-0.00001	0.00001	0.00001	0.00002	0.00001
ORGANIC_STDEV	3.8628	3.67195	4.06893	3.85895	3.84001	3.92304
ORGANIC_Y	1.06808	1.06638	1.06783	1.06813	1.06785	1.06793
ORGANIC_77	5.41076	4.47326	5.58716	5.10896	5.41781	5.9453
ORGANIC_82	-29.38489	-28.55279	-29.23204	-29.47986	-29.23202	-29.45441
ORGANIC_SPLINE MAX	2898.71426	2812.70173	2884.78711	2901.16446	2887.65459	2890.92404
ORGANIC_SQUISH	0.04225	0.0408	0.03919	0.04074	0.03853	0.03953
STANDARD_BASE	994.96434	994.16283	994.86409	994.89431	994.8618	995.3173
STANDARD_STDEV	1.10402	0.9772	1.00566	1.03287	1.04961	1.07749
DAS Temp	41.188	40.875	40.625	40.25	40.313	40.438
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	1	1	1	1	1	1
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	19	20	21	22	23	24
Analysis	P-1051	P-1051	P-1051	P-1051	P-1051	P-1051
Time Code	2012/04/26 19:54:25	2012/04/26 20:03:09	2012/04/26 20:11:52	2012/04/26 20:20:36	2012/04/26 20:29:21	2012/04/26 20:38:05
Port	1-02	1-02	1-02	1-02	1-02	1-02
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.289	-3.332	-3.326	-3.287	-3.37	-3.423
d(D_H)Mean	-25.944	-25.957	-25.937	-25.827	-25.802	-25.634
H2O_Mean	21106.09	21315.576	21737.761	21533.224	21676.876	21426.241
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ2	MQ2	MQ2	MQ2	MQ2	MQ2
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335487791	1335488315	1335488837	1335489362	1335489886	1335490411
d(18_16)_SD	0.187	0.188	0.177	0.165	0.165	0.172
d(D_H)_SD	0.641	0.507	0.574	0.585	0.65	0.627
H2O_SD	70.691	67.121	68.32	63.765	67.344	67.654
d(18_16)_SI	0.002	0	0.001	0	0	0
d(D_H)_SI	0.001	0	-0.002	0.004	0.002	-0.003
H2O_SI	1.673	1.59	1.616	1.504	1.62	1.644
ORGANIC_BASE	987.45324	986.94577	987.61052	986.96391	987.37954	987.22649
ORGANIC_MEOH_AMPL	0.00075	0.00085	0.00077	0.00092	0.0008	0.00078
ORGANIC_SLOPE	-36.36178	-36.35306	-36.26637	-36.57092	-36.5908	-35.41808
ORGANIC_CH4CONC	-0.00075	-0.00068	-0.00074	-0.00069	-0.00071	-0.00068
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0.00001	0
ORGANIC_STDEV	3.98347	3.91071	3.90703	3.83832	3.9564	3.92524
ORGANIC_Y	1.06671	1.06725	1.06836	1.06781	1.06821	1.06755
ORGANIC_77	5.33669	5.49655	5.22841	6.0188	5.13554	4.60201
ORGANIC_82	-28.84866	-28.91503	-29.68739	-29.17623	-29.4679	-29.17058
ORGANIC_SPLINEMAX	2828.04491	2856.11549	2912.8965	2885.20885	2904.6101	2871.14466
ORGANIC_SQUISH	0.03981	0.03921	0.03751	0.04073	0.03829	0.04234
STANDARD_BASE	994.55324	994.63771	994.85807	994.89967	994.80894	994.41658
STANDARD_STDEV	1.03982	1.04271	1.04995	1.02698	1.0395	0.99432
DAS Temp	40.375	40.375	40.5	40.313	40.188	40.438
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	2	2	2	2	2	2
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	31	32	33	34	35	36
Analysis	P-1053	P-1053	P-1053	P-1053	P-1053	P-1053
Time Code	2012/04/26 21:39:17	2012/04/26 21:48:01	2012/04/26 21:56:44	2012/04/26 22:05:29	2012/04/26 22:14:14	2012/04/26 22:22:58
Port	1-04	1-04	1-04	1-04	1-04	1-04
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-33.679	-33.64	-33.694	-33.689	-33.696	-33.721
d(D_H)Mean	-122.636	-122.77	-122.789	-122.823	-122.888	-122.867
H2O_Mean	21728.376	21189.766	21665.494	21734.421	21711.524	21768.188
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S1	S1	S1	S1	S1	S1
Identifier 2	S1 standard	S1 standard	S1 standard	S1 standard	S1 standard	S1 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335494081	1335494605	1335495128	1335495655	1335496177	1335496702
d(18_16)_SD	0.191	0.183	0.216	0.157	0.164	0.18
d(D_H)_SD	0.62	0.647	0.6	0.696	0.65	0.601
H2O_SD	64.387	67.26	72.31	65.516	66.623	66.481
d(18_16)_SI	0.001	0.002	0.002	0	0	0.001
d(D_H)_SI	0.005	0.003	0.004	0.007	0.006	0.002
H2O_SI	1.513	1.611	1.717	1.547	1.581	1.604
ORGANIC_BASE	986.5245	986.2498	986.65331	986.89422	986.70354	986.5416
ORGANIC_MEOH_AMPL	0.00091	0.00093	0.00087	0.00083	0.00089	0.00093
ORGANIC_SLOPE	-41.11604	-40.33453	-40.73671	-40.79323	-40.94797	-41.13994
ORGANIC_CH4CONC	-0.00069	-0.00067	-0.00069	-0.00068	-0.00067	-0.00068
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.80882	4.68402	4.74447	4.67215	4.72763	4.73775
ORGANIC_Y	1.0684	1.06697	1.06823	1.06841	1.06835	1.0685
ORGANIC_77	-157.42032	-153.20359	-157.29534	-157.87937	-157.5946	-157.85964
ORGANIC_82	-46.15985	-45.01757	-46.06746	-46.30774	-46.16986	-46.26641
ORGANIC_SPLINEMAX	2910.74648	2838.53955	2902.52241	2911.7961	2908.67844	2916.10248
ORGANIC_SQUISH	0.04361	0.04247	0.04119	0.04269	0.04587	0.04411
STANDARD_BASE	995.02244	994.75175	995.0299	995.11409	995.19861	995.16154
STANDARD_STDEV	1.35623	1.31734	1.32442	1.34985	1.35472	1.33698
DAS Temp	40.625	40.563	40.625	40.438	40.438	40.375
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	4	4	4	4	4	4
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	43	44	45	46	47	48
Analysis	P-1055	P-1055	P-1055	P-1055	P-1055	P-1055
Time Code	2012/04/26 23:24:06	2012/04/26 23:32:50	2012/04/26 23:41:35	2012/04/26 23:50:19	2012/04/26 23:59:03	2012/04/27 00:07:48
Port	1-06	1-06	1-06	1-06	1-06	1-06
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-13.667	-13.699	-13.765	-13.756	-13.628	-13.751
d(D_H)Mean	-75.817	-75.626	-75.674	-75.641	-75.675	-75.658
H2O_Mean	21289.773	22151.012	19636.883	21549.149	21873.265	21600.453
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S2	S2	S2	S2	S2	S2
Identifier 2	S2 standard	S2 standard	S2 standard	S2 standard	S2 standard	S2 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335500372	1335500895	1335501420	1335501945	1335502468	1335502993
d(18_16)_SD	0.148	0.185	0.171	0.169	0.138	0.198
d(D_H)_SD	0.6	0.552	0.708	0.609	0.628	0.588
H2O_SD	67.964	71.334	66.237	65.462	69.525	64.225
d(18_16)_SI	0.001	0.001	0	0.001	0	0
d(D_H)_SI	-0.001	0	-0.003	-0.005	0.004	0.004
H2O_SI	1.61	1.67	1.594	1.561	1.653	1.523
ORGANIC_BASE	987.16405	986.78524	985.9616	986.89321	986.9531	986.39962
ORGANIC_MEOH_AMPL	0.00078	0.00092	0.00081	0.00082	0.0009	0.00095
ORGANIC_SLOPE	-37.41526	-39.37264	-34.58019	-38.05098	-39.3031	-38.12849
ORGANIC_CH4CONC	-0.00067	-0.00069	-0.0006	-0.00069	-0.00068	-0.00065
ORGANIC_CM_SHIFT	0.00003	0.00001	0.00001	0	0.00001	0.00002
ORGANIC_STDEV	4.06327	4.33911	3.81663	4.4258	4.45486	4.21508
ORGANIC_Y	1.0672	1.06947	1.06283	1.0679	1.06875	1.06801
ORGANIC_77	-49.37867	-50.83547	-45.78155	-50.10564	-49.85679	-49.76416
ORGANIC_82	-37.53324	-38.72688	-34.4748	-37.82802	-38.29856	-37.75098
ORGANIC_SPLINEMAX	2852.68189	2967.75006	2630.98004	2887.16856	2930.51563	2893.93013
ORGANIC_SQUISH	0.04127	0.04237	0.04028	0.04303	0.0403	0.04097
STANDARD_BASE	994.72791	995.12085	993.33425	994.61893	995.20908	994.719
STANDARD_STDEV	1.1114	1.12111	1.04461	1.11657	1.15153	1.14272
DAS Temp	40.188	40.25	40.188	40	40.063	40
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	6	6	6	6	6	6
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	55	56	57	58	59	60
Analysis	P-1057	P-1057	P-1057	P-1057	P-1057	P-1057
Time Code	2012/04/27 01:09:03	2012/04/27 01:17:48	2012/04/27 01:26:32	2012/04/27 01:35:17	2012/04/27 01:44:03	2012/04/27 01:52:48
Port	1-08	1-08	1-08	1-08	1-08	1-08
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	18.007	18.058	17.988	17.961	18.051	17.954
d(D_H)Mean	101.114	101.164	101.512	101.802	101.885	101.907
H2O_Mean	21709.81	21781.198	21765.591	21687.967	21784.753	22046.555
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	HHW	HHW	HHW	HHW	HHW	HHW
Identifier 2	HHW standard	HHW standard	HHW standard	HHW standard	HHW standard	HHW standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335506667	1335507192	1335507717	1335508244	1335508767	1335509292
d(18_16)_SD	0.174	0.198	0.206	0.17	0.173	0.163
d(D_H)_SD	0.524	0.539	0.533	0.582	0.639	0.586
H2O_SD	66.43	69.476	64.871	63.269	63.692	69.349
d(18_16)_SI	-0.001	0	0	0	0	0.001
d(D_H)_SI	-0.002	-0.003	-0.002	-0.003	-0.003	-0.002
H2O_SI	1.562	1.652	1.573	1.563	1.514	1.66
ORGANIC_BASE	989.35605	989.13573	988.79668	988.74597	989.49801	989.19173
ORGANIC_MEOH_AMPL	0.00057	0.00064	0.00066	0.00065	0.00053	0.00057
ORGANIC_SLOPE	-33.83296	-34.25093	-33.38491	-33.09547	-34.02472	-33.65883
ORGANIC_CH4CONC	-0.00087	-0.00088	-0.00084	-0.00084	-0.0009	-0.00085
ORGANIC_CM_SHIFT	0	0	0	0.00001	0.00001	0
ORGANIC_STDEV	3.50642	3.60704	3.42694	3.42185	3.58042	3.61122
ORGANIC_Y	1.06828	1.06846	1.0684	1.0682	1.06848	1.06916
ORGANIC_77	119.09455	120.13252	119.61253	118.95233	119.68102	120.71573
ORGANIC_82	-7.95751	-7.84934	-7.75799	-7.69063	-7.89005	-7.8379
ORGANIC_SPLINE MAX	2909.75494	2919.14392	2917.1711	2906.82342	2919.78839	2954.89838
ORGANIC_SQUISH	0.03833	0.03768	0.03853	0.03607	0.03744	0.03708
STANDARD_BASE	995.22105	995.32266	995.0422	994.92748	995.19512	995.08675
STANDARD_STDEV	0.94898	0.93447	0.90128	0.89034	0.89927	0.89245
DAS Temp	39.875	39.875	39.938	39.938	39.875	39.875
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	8	8	8	8	8	8
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	61	62	63	64	65	66
Analysis	P-1058	P-1058	P-1058	P-1058	P-1058	P-1058
Time Code	2012/04/27 02:01:33	2012/04/27 02:10:18	2012/04/27 02:19:05	2012/04/27 02:27:50	2012/04/27 02:36:36	2012/04/27 02:45:21
Port	1-09	1-09	1-09	1-09	1-09	1-09
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-2.814	-3.158	-3.171	-3.108	-3.182	-3.305
d(D_H)Mean	-19.169	-23.354	-24.032	-24.668	-24.876	-24.812
H2O_Mean	21558.998	22149.152	21818.069	21086.056	21777.553	21165.627
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335509818	1335510344	1335510868	1335511395	1335511921	1335512445
d(18_16)_SD	0.191	0.158	0.185	0.164	0.196	0.193
d(D_H)_SD	0.588	0.626	0.59	0.728	0.587	0.647
H2O_SD	63.433	70.691	69.785	70.557	63.506	67.442
d(18_16)_SI	0.001	0.001	0	0.001	0	0.001
d(D_H)_SI	0	0.003	0.002	0	0	0.002
H2O_SI	1.533	1.696	1.675	1.704	1.516	1.603
ORGANIC_BASE	987.83337	987.99865	988.1816	987.54554	988.24549	987.23276
ORGANIC_MEOH_AMPL	0.00068	0.00073	0.00069	0.00081	0.00074	0.00082
ORGANIC_SLOPE	-35.90915	-37.35162	-36.99419	-36.11906	-37.22156	-35.41103
ORGANIC_CH4CONC	-0.00076	-0.00074	-0.00077	-0.00069	-0.00076	-0.00069
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	3.95346	4.17442	4.09109	3.85246	4.06871	3.76068
ORGANIC_Y	1.06791	1.06947	1.0686	1.06664	1.06848	1.06684
ORGANIC_77	7.54089	6.20747	5.83756	6.40632	5.94514	5.36537
ORGANIC_82	-28.36773	-29.78699	-29.56888	-28.47583	-29.57606	-28.58094
ORGANIC_SPLINE MAX	2889.08225	2967.94027	2923.65879	2825.42981	2918.18114	2836.13292
ORGANIC_SQUISH	0.03875	0.04141	0.03938	0.03939	0.04155	0.03986
STANDARD_BASE	994.67185	995.14366	995.12992	995.00086	995.4547	994.6594
STANDARD_STDEV	1.03072	1.08709	1.05389	1.10781	1.08127	1.01869
DAS Temp	39.813	39.688	39.625	39.563	39.625	39.625
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	9	9	9	9	9	9
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	67	68	69	70	71	72
Analysis	P-1059	P-1059	P-1059	P-1059	P-1059	P-1059
Time Code	2012/04/27 02:54:07	2012/04/27 03:02:54	2012/04/27 03:11:39	2012/04/27 03:20:25	2012/04/27 03:29:11	2012/04/27 03:37:58
Port	1-10	1-10	1-10	1-10	1-10	1-10
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.18	-3.343	-3.217	-3.257	-3.296	-3.325
d(D_H)Mean	-25.206	-25.067	-24.988	-25.156	-25.27	-25.268
H2O_Mean	21368.579	21486.484	21686.065	21778.433	21666.549	21728.806
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ2	MQ2	MQ2	MQ2	MQ2	MQ2
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335512972	1335513498	1335514022	1335514551	1335515077	1335515602
d(18_16)_SD	0.17	0.156	0.161	0.174	0.184	0.172
d(D_H)_SD	0.639	0.614	0.629	0.766	0.634	0.585
H2O_SD	66.034	70.292	69.126	68.449	68.89	68.612
d(18_16)_SI	0.001	0.001	0	0.002	0	0.001
d(D_H)_SI	0.001	-0.001	0.003	0	-0.001	0
H2O_SI	1.586	1.651	1.635	1.658	1.631	1.635
ORGANIC_BASE	987.07019	987.16802	987.33799	987.64838	987.80157	987.39993
ORGANIC_MEOH_AMPL	0.00087	0.00079	0.00083	0.00077	0.00073	0.00082
ORGANIC_SLOPE	-36.66421	-36.13619	-36.87824	-36.73516	-36.63538	-37.08562
ORGANIC_CH4CONC	-0.0007	-0.00071	-0.00072	-0.00075	-0.00076	-0.00073
ORGANIC_CM_SHIFT	0.00001	0	0	0	0.00001	0.00001
ORGANIC_STDEV	3.86514	3.94286	3.92315	3.97692	4.02955	4.06297
ORGANIC_Y	1.06738	1.0677	1.06822	1.06848	1.06819	1.06835
ORGANIC_77	6.40395	5.27994	6.04006	5.56299	5.26825	5.54299
ORGANIC_82	-28.88616	-29.11575	-29.32828	-29.60693	-29.52593	-29.42251
ORGANIC_SPLINEMAX	2863.14902	2879.05438	2905.86467	2918.30675	2903.29806	2911.49023
ORGANIC_SQUISH	0.03773	0.03971	0.04136	0.03973	0.04014	0.03859
STANDARD_BASE	994.79983	994.48707	994.9738	994.90439	994.85914	994.97622
STANDARD_STDEV	1.05629	1.00768	1.03865	1.05136	1.02489	1.05428
DAS Temp	39.75	39.688	39.688	39.688	39.625	39.563
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	10	10	10	10	10	10
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	79	80	81	82	83	84
Analysis	P-1061	P-1061	P-1061	P-1061	P-1061	P-1061
Time Code	2012/04/27 04:39:21	2012/04/27 04:48:08	2012/04/27 04:56:54	2012/04/27 05:05:39	2012/04/27 05:14:26	2012/04/27 05:23:12
Port	1-12	1-12	1-12	1-12	1-12	1-12
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-5.795	-5.774	-5.876	-5.762	-5.756	-5.661
d(D_H)Mean	-44.901	-44.948	-44.611	-44.835	-44.932	-44.875
H2O_Mean	21535.046	21580.899	21577.301	21615.2	21671.236	21689.97
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S3	S3	S3	S3	S3	S3
Identifier 2	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335519286	1335519812	1335520340	1335520863	1335521392	1335521918
d(18_16)_SD	0.194	0.197	0.194	0.17	0.157	0.184
d(D_H)_SD	0.648	0.567	0.537	0.651	0.67	0.658
H2O_SD	63.452	71.139	71.082	67.721	68.765	70.531
d(18_16)_SI	0	0.002	0	0.001	0.001	0.001
d(D_H)_SI	0.001	0.001	0.002	0.005	0	-0.002
H2O_SI	1.526	1.694	1.689	1.613	1.632	1.654
ORGANIC_BASE	987.03836	987.59972	987.30934	987.10014	986.91557	987.5982
ORGANIC_MEOH_AMPL	0.00084	0.00077	0.00076	0.00086	0.00094	0.00083
ORGANIC_SLOPE	-36.78549	-36.89152	-36.25472	-36.71126	-37.84165	-38.25164
ORGANIC_CH4CONC	-0.00066	-0.0007	-0.00069	-0.00069	-0.00069	-0.00075
ORGANIC_CM_SHIFT	0.00001	0	0.00001	0	0.00002	0.00001
ORGANIC_STDEV	3.8895	3.95979	3.92689	3.86534	4.05172	4.22885
ORGANIC_Y	1.06782	1.06796	1.06794	1.06803	1.06819	1.06827
ORGANIC_77	-7.66804	-7.83617	-8.48349	-7.55127	-7.05325	-6.8121
ORGANIC_82	-32.48473	-32.73488	-32.68363	-32.66016	-32.56854	-32.81598
ORGANIC_SPLINE MAX	2885.56586	2891.78835	2891.35635	2896.32711	2903.56778	2906.06612
ORGANIC_SQUISH	0.04083	0.04399	0.04006	0.0431	0.04001	0.04009
STANDARD_BASE	994.77189	994.98417	994.5614	994.84869	995.14642	995.28289
STANDARD_STDEV	1.05078	1.07918	1.04846	1.05487	1.09807	1.10047
DAS Temp	39.688	39.813	40	39.813	39.875	39.813
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	12	12	12	12	12	12
Job	30	30	30	30	30	30
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	85	86	87	88	89	90
Analysis	P-1062	P-1062	P-1062	P-1062	P-1062	P-1062
Time Code	2012/04/27 05:31:59	2012/04/27 05:40:45	2012/04/27 05:49:32	2012/04/27 05:58:18	2012/04/27 06:07:04	2012/04/27 06:15:50
Port	2-01	2-01	2-01	2-01	2-01	2-01
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.262	-11.295	-11.346	-11.358	-11.405	-11.402
d(D_H)Mean	-104.934	-107.222	-107.585	-107.863	-107.995	-108.041
H2O_Mean	21482.5	21580.449	21783.039	21957.668	22119.785	21860.416
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-04	6507-04	6507-04	6507-04	6507-04	6507-04
Identifier 2	PGDW20-0412	PGDW20-0412	PGDW20-0412	PGDW20-0412	PGDW20-0412	PGDW20-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335522445	1335522971	1335523496	1335524026	1335524551	1335525075
d(18_16)_SD	0.174	0.167	0.174	0.175	0.195	0.17
d(D_H)_SD	0.638	0.633	0.593	0.63	0.643	0.549
H2O_SD	67.005	68.091	67.433	68.121	75.111	72.273
d(18_16)_SI	0.001	0.001	0	0.001	0.002	0.001
d(D_H)_SI	0.002	0.004	0.002	0.008	0.002	0.001
H2O_SI	1.602	1.591	1.56	1.664	1.732	1.715
ORGANIC_BASE	986.11967	986.16968	986.11581	987.41731	986.85073	986.65164
ORGANIC_MEOH_AMPL	0.00102	0.00104	0.00105	0.00079	0.00094	0.00095
ORGANIC_SLOPE	-39.07625	-39.49968	-40.11877	-40.04239	-40.0146	-39.34344
ORGANIC_CH4CONC	-0.00063	-0.00062	-0.00061	-0.0007	-0.00067	-0.00066
ORGANIC_CM_SHIFT	0.00002	0.00001	-0.00001	0	0.00001	0.00001
ORGANIC_STDEV	4.23447	4.23287	4.40427	4.61319	4.49582	4.36547
ORGANIC_Y	1.0677	1.06796	1.06851	1.06899	1.0694	1.06871
ORGANIC_77	-35.80033	-36.04679	-36.60244	-37.94683	-38.00408	-37.62129
ORGANIC_82	-42.49661	-43.0722	-43.47968	-44.25182	-44.43697	-43.8964
ORGANIC_SPLINEMAX	2877.93999	2890.9998	2918.1199	2941.85208	2963.46154	2928.78503
ORGANIC_SQUISH	0.04769	0.0427	0.04317	0.04376	0.0414	0.04275
STANDARD_BASE	994.90972	995.0687	995.19963	995.29199	995.37962	995.1729
STANDARD_STDEV	1.11983	1.16069	1.17159	1.17334	1.15225	1.15567
DAS Temp	39.75	40.063	39.938	39.75	39.875	40
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	1	1	1	1	1	1
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	91	92	93	94	95	96
Analysis	P-1063	P-1063	P-1063	P-1063	P-1063	P-1063
Time Code	2012/04/27 06:24:37	2012/04/27 06:33:23	2012/04/27 06:42:10	2012/04/27 06:50:57	2012/04/27 06:59:45	2012/04/27 07:08:32
Port	2-02	2-02	2-02	2-02	2-02	2-02
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.452	-11.437	-11.384	-11.376	-11.384	-11.406
d(D_H)Mean	-108.017	-108.237	-108.071	-108.353	-108.318	-108.445
H2O_Mean	21551.383	21961.566	21810.759	22080.299	21795.106	21877.258
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-04_LD	6507-04_LD	6507-04_LD	6507-04_LD	6507-04_LD	6507-04_LD
Identifier 2	PGDW20-0412_LD	PGDW20-0412_LD	PGDW20-0412_LD	PGDW20-0412_LD	PGDW20-0412_LD	PGDW20-0412_LD
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335525603	1335526131	1335526657	1335527183	1335527712	1335528241
d(18_16)_SD	0.151	0.182	0.204	0.179	0.184	0.207
d(D_H)_SD	0.573	0.552	0.634	0.564	0.681	0.626
H2O_SD	64.255	66.641	62.999	68.329	63.723	64.912
d(18_16)_SI	0	0.001	0	0	0	0.001
d(D_H)_SI	0.002	0.004	0.001	0.004	0.004	0.003
H2O_SI	1.543	1.574	1.495	1.646	1.517	1.578
ORGANIC_BASE	986.70415	986.67478	986.7225	986.35372	986.8286	986.64425
ORGANIC_MEOH_AMPL	0.00087	0.00093	0.00091	0.00104	0.00091	0.00097
ORGANIC_SLOPE	-38.66792	-39.24518	-39.51825	-40.13533	-39.40445	-39.37128
ORGANIC_CH4CONC	-0.00067	-0.00064	-0.00066	-0.00064	-0.00067	-0.00064
ORGANIC_CM_SHIFT	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.32953	4.31702	4.42875	4.39877	4.37726	4.28566
ORGANIC_Y	1.0679	1.06897	1.06858	1.06928	1.06854	1.06875
ORGANIC_77	-37.57523	-38.03079	-37.51181	-37.40266	-37.46893	-37.5564
ORGANIC_82	-43.39779	-44.14952	-43.85283	-44.26509	-43.8852	-43.99664
ORGANIC_SPLINE MAX	2887.38171	2942.37797	2922.08319	2958.03901	2919.98009	2930.99993
ORGANIC_SQUISH	0.04318	0.04087	0.0453	0.04312	0.04371	0.04478
STANDARD_BASE	994.73195	995.12887	995.04718	995.35475	995.11716	995.25011
STANDARD_STDEV	1.10912	1.15158	1.129	1.1625	1.16801	1.15353
DAS Temp	39.938	39.75	39.938	39.875	39.813	39.688
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	2	2	2	2	2	2
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	97	98	99	100	101	102
Analysis	P-1064	P-1064	P-1064	P-1064	P-1064	P-1064
Time Code	2012/04/27 07:17:19	2012/04/27 07:26:06	2012/04/27 07:34:52	2012/04/27 07:43:39	2012/04/27 07:52:26	2012/04/27 08:01:12
Port	2-03	2-03	2-03	2-03	2-03	2-03
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.45	-11.424	-11.558	-11.53	-11.473	-11.32
d(D_H)Mean	-108.343	-108.37	-108.161	-108.466	-108.506	-108.449
H2O_Mean	21835.872	22200.935	19804.604	20973.994	21928.929	22093.181
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-05	6507-05	6507-05	6507-05	6507-05	6507-05
Identifier 2	PGDW20d-0412	PGDW20d-0412	PGDW20d-0412	PGDW20d-0412	PGDW20d-0412	PGDW20d-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335528766	1335529293	1335529819	1335530347	1335530872	1335531398
d(18_16)_SD	0.184	0.202	0.184	0.153	0.188	0.183
d(D_H)_SD	0.554	0.674	0.706	0.609	0.653	0.676
H2O_SD	64.814	66.478	63.284	64.646	65.307	65.932
d(18_16)_SI	0	0.001	0.001	0	0.001	0.001
d(D_H)_SI	0.003	0	0.002	0.003	0.003	0.005
H2O_SI	1.559	1.593	1.517	1.576	1.595	1.57
ORGANIC_BASE	986.47007	986.7317	985.98823	986.48658	986.54882	987.04711
ORGANIC_MEOH_AMPL	0.00093	0.00096	0.00077	0.00083	0.00096	0.00093
ORGANIC_SLOPE	-39.07208	-40.44966	-34.9578	-36.85346	-39.77797	-40.98308
ORGANIC_CH4CONC	-0.00064	-0.00065	-0.00059	-0.0006	-0.00065	-0.0007
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0.00001	0.00001	0
ORGANIC_STDEV	4.45577	4.42689	3.86592	4.01591	4.52625	4.54789
ORGANIC_Y	1.06865	1.06961	1.06328	1.06636	1.0689	1.06933
ORGANIC_77	-37.86737	-38.13547	-35.499	-37.30014	-37.94622	-37.3606
ORGANIC_82	-43.90976	-44.6075	-39.98353	-42.35644	-44.09371	-44.43924
ORGANIC_SPLINEMAX	2925.4839	2974.3019	2653.53428	2810.26397	2937.80839	2959.74337
ORGANIC_SQUISH	0.0442	0.04456	0.04329	0.04298	0.0426	0.0456
STANDARD_BASE	994.87543	995.42333	993.25749	994.26028	995.12516	995.61051
STANDARD_STDEV	1.14748	1.16768	1.01257	1.09562	1.16976	1.16845
DAS Temp	39.75	39.688	39.75	39.625	39.75	39.688
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	3	3	3	3	3	3
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	103	104	105	106	107	108
Analysis	P-1065	P-1065	P-1065	P-1065	P-1065	P-1065
Time Code	2012/04/27 08:09:59	2012/04/27 08:18:47	2012/04/27 08:27:33	2012/04/27 08:36:20	2012/04/27 08:45:07	2012/04/27 08:53:54
Port	2-04	2-04	2-04	2-04	2-04	2-04
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-12.694	-12.676	-12.643	-12.747	-12.765	-12.82
d(D_H)Mean	-116.03	-116.399	-116.345	-116.311	-116.416	-116.582
H2O_Mean	20993.918	20963.842	20962.258	21179.626	20923.732	21430.509
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-06	6507-06	6507-06	6507-06	6507-06	6507-06
Identifier 2	EPAMW02-0412-1	EPAMW02-0412-1	EPAMW02-0412-1	EPAMW02-0 412-1	EPAMW02-0412-1	EPAMW02-0412-1
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335531925	1335532453	1335532980	1335533507	1335534032	1335534558
d(18_16)_SD	0.179	0.203	0.17	0.177	0.178	0.173
d(D_H)_SD	0.699	0.627	0.569	0.646	0.672	0.578
H2O_SD	65.546	66.706	64.191	69.576	65.653	67.778
d(18_16)_SI	0.001	0.002	0.001	0.001	0.001	0.001
d(D_H)_SI	0.004	0.004	0.001	-0.001	0.003	0.002
H2O_SI	1.57	1.604	1.585	1.665	1.586	1.636
ORGANIC_BASE	985.82163	986.6159	986.49212	986.01501	986.29991	986.1628
ORGANIC_MEOH_AMPL	0.00099	0.00085	0.00086	0.00097	0.00086	0.00095
ORGANIC_SLOPE	-37.39732	-38.13817	-37.81633	-38.57013	-37.1037	-38.08618
ORGANIC_CH4CONC	-0.00057	-0.00066	-0.00063	-0.00062	-0.0006	-0.0006
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0.00002	0.00001	0.00002
ORGANIC_STDEV	3.92934	4.3568	4.20074	4.3792	4.13442	4.38687
ORGANIC_Y	1.06639	1.06636	1.06634	1.06693	1.06623	1.06758
ORGANIC_77	-42.72901	-42.9367	-42.78777	-43.25843	-43.48182	-44.30798
ORGANIC_82	-43.46514	-43.68597	-43.61313	-43.8706	-43.50667	-44.48105
ORGANIC_SPLINEMAX	2812.66038	2808.57799	2808.47066	2837.33511	2803.42904	2871.05624
ORGANIC_SQUISH	0.04278	0.0421	0.04301	0.04321	0.04178	0.04287
STANDARD_BASE	994.35116	994.45528	994.45506	994.50978	994.24941	994.50295
STANDARD_STDEV	1.10348	1.13473	1.11044	1.12024	1.12477	1.12373
DAS Temp	39.75	39.75	39.875	39.875	39.813	39.688
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	4	4	4	4	4	4
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	109	110	111	112	113	114
Analysis	P-1066	P-1066	P-1066	P-1066	P-1066	P-1066
Time Code	2012/04/27 09:02:40	2012/04/27 09:11:27	2012/04/27 09:20:15	2012/04/27 09:29:02	2012/04/27 09:37:49	2012/04/27 09:46:37
Port	2-05	2-05	2-05	2-05	2-05	2-05
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.725	-11.604	-11.667	-11.641	-11.63	-11.585
d(D_H)Mean	-111.32	-110.95	-111.094	-111.104	-110.963	-111.004
H2O_Mean	21761.946	21666.23	19686.099	21687.843	21764.098	21815.617
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-07	6507-07	6507-07	6507-07	6507-07	6507-07
Identifier 2	PGDW23-0412	PGDW23-0412	PGDW23-0412	PGDW23-0412	PGDW23-0412	PGDW23-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335535086	1335535613	1335536140	1335536669	1335537195	1335537723
d(18_16)_SD	0.194	0.172	0.178	0.161	0.188	0.18
d(D_H)_SD	0.719	0.59	0.684	0.6	0.519	0.552
H2O_SD	71.123	63.292	66.641	64.615	68.297	72.055
d(18_16)_SI	0.001	0.001	0.001	0	0	0
d(D_H)_SI	-0.001	0.001	0.001	0.003	0	-0.001
H2O_SI	1.688	1.515	1.601	1.519	1.582	1.715
ORGANIC_BASE	986.10686	986.71459	985.57535	986.15745	986.42317	986.73006
ORGANIC_MEOH_AMPL	0.00097	0.00086	0.00088	0.00101	0.00096	0.00091
ORGANIC_SLOPE	-37.75911	-38.38989	-35.08123	-39.00314	-38.91301	-38.64249
ORGANIC_CH4CONC	-0.00057	-0.00064	-0.00057	-0.00062	-0.00064	-0.00064
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.08672	4.30488	4.00926	4.43004	4.40676	4.34941
ORGANIC_Y	1.06842	1.0682	1.06298	1.06825	1.06846	1.06859
ORGANIC_77	-39.26443	-38.69454	-35.30379	-38.2304	-38.59927	-38.76251
ORGANIC_82	-44.21655	-44.13184	-40.11396	-44.01022	-44.21412	-44.42817
ORGANIC_SPLINEMAX	2915.73046	2902.89239	2637.35307	2905.41986	2915.76233	2922.87497
ORGANIC_SQUISH	0.04269	0.04732	0.04509	0.04389	0.04483	0.04464
STANDARD_BASE	994.60461	994.75265	993.25334	994.81563	994.85386	994.95735
STANDARD_STDEV	1.14228	1.11961	1.02968	1.13499	1.13671	1.16731
DAS Temp	39.813	39.625	39.688	39.375	39.188	39.25
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	5	5	5	5	5	5
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	115	116	117	118	119	120
Analysis	P-1067	P-1067	P-1067	P-1067	P-1067	P-1067
Time Code	2012/04/27 09:55:25	2012/04/27 10:04:12	2012/04/27 10:12:58	2012/04/27 10:21:47	2012/04/27 10:30:34	2012/04/27 10:39:22
Port	2-06	2-06	2-06	2-06	2-06	2-06
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.561	-11.654	-11.49	-11.546	-11.643	-11.514
d(D_H)Mean	-110.908	-111.043	-111.116	-111.128	-111.04	-110.981
H2O_Mean	21222.075	21591.713	21851.275	21905.585	21581.219	21841.808
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6507-08	6507-08	6507-08	6507-08	6507-08	6507-08
Identifier 2	PGDW30-0412	PGDW30-0412	PGDW30-0412	PGDW30-0412	PGDW30-0412	PGDW30-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335538253	1335538778	1335539306	1335539831	1335540360	1335540889
d(18_16)_SD	0.173	0.131	0.179	0.2	0.17	0.15
d(D_H)_SD	0.657	0.596	0.621	0.574	0.624	0.566
H2O_SD	68.389	60.804	64.818	69.272	67.206	67.523
d(18_16)_SI	0.001	0	0	0.002	0.001	0
d(D_H)_SI	0	0.002	0.004	-0.002	-0.001	0.003
H2O_SI	1.665	1.464	1.554	1.707	1.639	1.613
ORGANIC_BASE	986.1309	985.9853	986.85967	986.7992	986.15994	986.74865
ORGANIC_MEOH_AMPL	0.00092	0.00098	0.0009	0.00091	0.001	0.00091
ORGANIC_SLOPE	-38.21128	-38.02631	-39.3934	-39.31218	-38.44412	-38.93951
ORGANIC_CH4CONC	-0.00061	-0.0006	-0.00066	-0.00064	-0.00061	-0.00063
ORGANIC_CM_SHIFT	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.21551	4.28114	4.40991	4.48748	4.30364	4.32015
ORGANIC_Y	1.06702	1.06799	1.06868	1.06884	1.06796	1.06866
ORGANIC_77	-37.3309	-38.29246	-38.18498	-38.53079	-38.17251	-38.38336
ORGANIC_82	-43.08146	-43.802	-44.48076	-44.57831	-43.78608	-44.40677
ORGANIC_SPLINE MAX	2843.17523	2892.69452	2927.58176	2934.79422	2891.24965	2926.41149
ORGANIC_SQUISH	0.04394	0.0441	0.04509	0.04673	0.04446	0.04398
STANDARD_BASE	994.42528	994.49514	995.18362	995.09759	994.7619	995.10749
STANDARD_STDEV	1.10565	1.08421	1.15555	1.15573	1.13369	1.15293
DAS Temp	40.063	40.688	40.438	40	39.875	39.75
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	6	6	6	6	6	6
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	121	122	123	124	125	126
Analysis	P-1068	P-1068	P-1068	P-1068	P-1068	P-1068
Time Code	2012/04/27 10:48:09	2012/04/27 10:56:56	2012/04/27 11:05:43	2012/04/27 11:14:31	2012/04/27 11:23:20	2012/04/27 11:32:09
Port	2-07	2-07	2-07	2-07	2-07	2-07
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.563	-11.493	-11.437	-11.433	-11.429	-11.441
d(D_H)Mean	-110.722	-110.904	-110.916	-110.984	-111.02	-111.02
H2O_Mean	21601.102	21883.026	21888.098	21857.905	22002.098	22041.81
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6511-04	6511-04	6511-04	6511-04	6511-04	6511-04
Identifier 2	PGDW05-0412	PGDW05-0412	PGDW05-0412	PGDW05-0412	PGDW05- 0412	PGDW05-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335541417	1335541941	1335542469	1335542996	1335543526	1335544056
d(18_16)_SD	0.156	0.171	0.183	0.159	0.193	0.17
d(D_H)_SD	0.61	0.697	0.606	0.595	0.71	0.617
H2O_SD	68.297	72.712	67.289	66.335	63.999	70.01
d(18_16)_SI	0	0.001	0	0	0	0.001
d(D_H)_SI	0.002	0.001	0.005	0.005	0.001	0.002
H2O_SI	1.652	1.718	1.611	1.558	1.517	1.651
ORGANIC_BASE	986.15649	987.01667	987.43769	987.44378	987.343	987.10161
ORGANIC_MEOH_AMPL	0.00097	0.00086	0.00081	0.00079	0.00085	0.0009
ORGANIC_SLOPE	-38.70998	-39.81409	-39.76071	-39.91424	-39.97055	-40.34006
ORGANIC_CH4CONC	-0.00063	-0.00067	-0.0007	-0.0007	-0.0007	-0.00067
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0.00001	0.00002	0.00001
ORGANIC_STDEV	4.34325	4.59961	4.47585	4.61479	4.50582	4.56496
ORGANIC_Y	1.06803	1.06879	1.0688	1.06874	1.0691	1.0692
ORGANIC_77	-37.78168	-38.3247	-38.31044	-38.23209	-38.31094	-38.18149
ORGANIC_82	-43.8104	-44.55112	-44.6985	-44.64738	-44.881	-44.84487
ORGANIC_SPLINEMAX	2893.83347	2931.76048	2932.5731	2928.50506	2947.83679	2953.03112
ORGANIC_SQUISH	0.0452	0.04654	0.04598	0.04771	0.04373	0.0425
STANDARD_BASE	994.61829	995.13508	995.31469	995.2932	995.46313	995.52011
STANDARD_STDEV	1.11906	1.14441	1.15893	1.16637	1.17611	1.17685
DAS Temp	39.688	39.563	39.688	39.688	39.813	39.875
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	7	7	7	7	7	7
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	127	128	129	130	131	132
Analysis	P-1069	P-1069	P-1069	P-1069	P-1069	P-1069
Time Code	2012/04/27 11:40:56	2012/04/27 11:49:43	2012/04/27 11:58:31	2012/04/27 12:07:20	2012/04/27 12:16:08	2012/04/27 12:24:55
Port	2-08	2-08	2-08	2-08	2-08	2-08
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.072	-11.136	-11.135	-11.177	-11.21	-11.3
d(D_H)Mean	-100.995	-100.578	-100.519	-100.235	-100.361	-100.352
H2O_Mean	21733.207	22004.559	21960.408	22160.06	21713.253	22152.075
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6514-04	6514-04	6514-04	6514-04	6514-04	6514-04
Identifier 2	PGDW50-0412	PGDW50-0412	PGDW50-0412	PGDW50-0412	PGDW50-0412	PGDW50-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335544583	1335545109	1335545637	1335546167	1335546696	1335547223
d(18_16)_SD	0.178	0.173	0.192	0.166	0.161	0.155
d(D_H)_SD	0.72	0.58	0.521	0.786	0.515	0.554
H2O_SD	65.819	67.822	69.122	67.621	62.295	65.268
d(18_16)_SI	0	0.001	0.001	0.001	-0.001	0
d(D_H)_SI	0.005	0.003	0	0	0.002	0.001
H2O_SI	1.568	1.648	1.689	1.638	1.484	1.547
ORGANIC_BASE	987.17291	986.78393	987.06971	986.44658	987.21592	986.30374
ORGANIC_MEOH_AMPL	0.00085	0.00093	0.00087	0.00101	0.00078	0.00098
ORGANIC_SLOPE	-39.73859	-39.93133	-39.41039	-40.04011	-38.23026	-38.90793
ORGANIC_CH4CONC	-0.0007	-0.00068	-0.0007	-0.00067	-0.00067	-0.00062
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00001	0	0.00001	0.00001
ORGANIC_STDEV	4.48092	4.51378	4.42358	4.47071	4.381	4.40563
ORGANIC_Y	1.06839	1.0691	1.06898	1.0695	1.06834	1.06947
ORGANIC_77	-35.83437	-36.32022	-36.56477	-36.49546	-36.96858	-37.40543
ORGANIC_82	-42.56899	-42.87999	-42.89103	-43.03039	-42.52499	-43.03462
ORGANIC_SPLINEMAX	2911.71332	2947.96603	2942.24144	2968.6733	2909.2966	2967.79245
ORGANIC_SQUISH	0.04584	0.04192	0.04134	0.04324	0.04451	0.04311
STANDARD_BASE	995.24286	995.21902	995.21019	995.21589	994.83045	994.84946
STANDARD_STDEV	1.16669	1.15019	1.14377	1.1435	1.11243	1.1381
DAS Temp	39.813	39.938	39.875	39.938	40	39.813
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	8	8	8	8	8	8
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	133	134	135	136	137	138
Analysis	P-1070	P-1070	P-1070	P-1070	P-1070	P-1070
Time Code	2012/04/27 12:33:44	2012/04/27 12:42:32	2012/04/27 12:51:20	2012/04/27 13:00:09	2012/04/27 13:08:57	2012/04/27 13:17:45
Port	2-09	2-09	2-09	2-09	2-09	2-09
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-12.144	-12.07	-12.057	-12.008	-12.19	-12.035
d(D_H)Mean	-112.735	-112.919	-113.162	-113.331	-113.225	-113.271
H2O_Mean	19753.2	22040.691	21973.795	22002.854	21980.846	22023.311
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6514-05	6514-05	6514-05	6514-05	6514-05	6514-05
Identifier 2	PGPW02-0412	PGPW02-0412	PGPW02-0412	PGPW02-0412	PGPW02-0412	PGPW02-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335547749	1335548279	1335548806	1335549336	1335549864	1335550392
d(18_16)_SD	0.16	0.185	0.139	0.179	0.172	0.186
d(D_H)_SD	0.66	0.735	0.619	0.627	0.564	0.712
H2O_SD	65.785	67.31	72.667	67.347	68.396	68.78
d(18_16)_SI	0.001	0.001	0.001	0.001	0.001	0.001
d(D_H)_SI	-0.003	0.005	0.004	0.002	0.001	0.001
H2O_SI	1.621	1.652	1.699	1.593	1.614	1.654
ORGANIC_BASE	985.3699	987.00536	986.56977	987.02165	986.27401	986.58988
ORGANIC_MEOH_AMPL	0.00092	0.00085	0.00096	0.0009	0.00099	0.00099
ORGANIC_SLOPE	-35.15883	-39.86408	-40.01292	-40.31663	-38.71526	-39.64599
ORGANIC_CH4CONC	-0.00057	-0.00067	-0.00065	-0.00068	-0.0006	-0.00064
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002
ORGANIC_STDEV	3.99959	4.65457	4.56836	4.59508	4.32414	4.45519
ORGANIC_Y	1.06314	1.06921	1.06902	1.0691	1.06901	1.06914
ORGANIC_77	-37.54505	-41.87942	-41.11334	-41.22331	-41.95721	-41.09096
ORGANIC_82	-40.42359	-45.22486	-44.99561	-45.17228	-44.97294	-45.09352
ORGANIC_SPLINE MAX	2646.28088	2952.97579	2943.72399	2947.77525	2944.87938	2950.46499
ORGANIC_SQUISH	0.04187	0.04604	0.04403	0.04428	0.04437	0.04379
STANDARD_BASE	993.24811	995.14759	995.13232	995.39304	994.90271	995.27742
STANDARD_STDEV	1.02135	1.16076	1.15477	1.14263	1.12994	1.15923
DAS Temp	39.875	40	40.25	40.375	40.375	40.313
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	9	9	9	9	9	9
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	139	140	141	142	143	144
Analysis	P-1071	P-1071	P-1071	P-1071	P-1071	P-1071
Time Code	2012/04/27 13:26:33	2012/04/27 13:35:23	2012/04/27 13:44:12	2012/04/27 13:53:01	2012/04/27 14:01:50	2012/04/27 14:10:39
Port	2-10	2-10	2-10	2-10	2-10	2-10
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-12.785	-12.859	-12.782	-12.867	-12.779	-12.726
d(D_H)Mean	-116.623	-116.756	-116.747	-116.925	-116.92	-117.021
H2O_Mean	21071.692	21280.175	21533.021	21613.793	21917.642	21749.504
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6514-06	6514-06	6514-06	6514-06	6514-06	6514-06
Identifier 2	EPAMW02-0412-2	EPAMW02-0412-2	EPAMW02-0412-2	EPAMW02-0 412-2	EPAMW02-0412-2	EPAMW02-0412-2
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335550921	1335551447	1335551980	1335552508	1335553037	1335553566
d(18_16)_SD	0.164	0.173	0.176	0.19	0.168	0.151
d(D_H)_SD	0.592	0.572	0.543	0.552	0.633	0.65
H2O_SD	64.963	72.679	56.855	71.434	65.72	64.244
d(18_16)_SI	0.001	0.001	0	0.001	0.001	0
d(D_H)_SI	0.003	0.002	0.004	0.002	0.001	0.003
H2O_SI	1.539	1.716	1.416	1.696	1.555	1.54
ORGANIC_BASE	986.5322	986.27444	986.55857	986.62755	986.41198	986.958 17
ORGANIC_MEOH_AMPL	0.00084	0.00094	0.00092	0.00089	0.00101	0.00091
ORGANIC_SLOPE	-37.28482	-38.17152	-38.87632	-38.37043	-39.60826	-39.81239
ORGANIC_CH4CONC	-0.00062	-0.0006	-0.00062	-0.0006	-0.00062	-0.00066
ORGANIC_CM_SHIFT	0.00001	0	0.00001	0.00002	0.00001	0.00001
ORGANIC_STDEV	4.03772	4.25941	4.29352	4.31436	4.40569	4.62219
ORGANIC_Y	1.06662	1.06718	1.06785	1.06806	1.06886	1.06844
ORGANIC_77	-44.01078	-44.33564	-44.47521	-45.30084	-44.82754	-44.62545
ORGANIC_82	-43.92249	-44.20084	-44.75308	-45.01203	-45.49213	-45.29099
ORGANIC_SPLINE MAX	2823.32291	2851.0233	2884.87216	2895.81937	2936.23323	2913.84911
ORGANIC_SQUISH	0.04238	0.04424	0.04345	0.04481	0.04203	0.04344
STANDARD_BASE	994.39284	994.6573	994.91325	994.81131	995.17037	995.331 37
STANDARD_STDEV	1.10576	1.13135	1.13392	1.13304	1.13291	1.18147
DAS Temp	40.375	40.375	40.375	40.438	40.5	40.313
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	10	10	10	10	10	10
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	145	146	147	148	149	150
Analysis	P-1072	P-1072	P-1072	P-1072	P-1072	P-1072
Time Code	2012/04/27 14:19:28	2012/04/27 14:28:18	2012/04/27 14:37:07	2012/04/27 14:45:56	2012/04/27 14:54:47	2012/04/27 15:03:37
Port	2-11	2-11	2-11	2-11	2-11	2-11
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.986	-11.869	-11.804	-11.794	-11.766	-11.819
d(D_H)Mean	-113.093	-112.936	-113.317	-113.289	-113.094	-113.156
H2O_Mean	21505.544	21898.075	21580.27	21835.321	21704.52	19705.327
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-04	6521-04	6521-04	6521-04	6521-04	6521-04
Identifier 2	EPAMW01-0412	EPAMW01-0412	EPAMW01-0412	EPAMW01-0412	EPAMW01-0412	EPAMW01-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335554097	1335554625	1335555152	1335555684	1335556214	1335556747
d(18_16)_SD	0.168	0.2	0.164	0.181	0.189	0.197
d(D_H)_SD	0.649	0.638	0.64	0.535	0.661	0.636
H2O_SD	62.552	71.114	63.573	68.025	60.179	65.654
d(18_16)_SI	0.001	0.002	0	0.002	-0.001	0.002
d(D_H)_SI	0.003	0.003	-0.003	0.001	0.001	0
H2O_SI	1.485	1.734	1.53	1.662	1.44	1.627
ORGANIC_BASE	986.02539	986.08645	986.41308	987.10265	986.83262	985.88173
ORGANIC_MEOH_AMPL	0.00096	0.00106	0.001	0.00089	0.00093	0.00091
ORGANIC_SLOPE	-37.65841	-39.30828	-38.99661	-38.72287	-39.24461	-35.90306
ORGANIC_CH4CONC	-0.00058	-0.0006	-0.00062	-0.00065	-0.00064	-0.00056
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0.00002	0.00001	0.00001
ORGANIC_STDEV	4.24583	4.37387	4.25474	4.24935	4.43242	4.0197
ORGANIC_Y	1.06776	1.0688	1.06796	1.06864	1.06831	1.06302
ORGANIC_77	-40.05493	-39.6547	-39.10217	-39.97885	-39.26859	-35.83917
ORGANIC_82	-44.01651	-44.66576	-44.162	-44.90401	-44.4924	-40.35936
ORGANIC_SPLINE MAX	2881.18424	2933.55728	2891.15906	2925.56619	2907.80902	2639.85166
ORGANIC_SQUISH	0.04386	0.04481	0.04398	0.04334	0.04472	0.04272
STANDARD_BASE	994.38668	995.06088	995.13389	995.29796	995.22904	993.87924
STANDARD_STDEV	1.08596	1.1417	1.15034	1.16815	1.14825	1.05447
DAS Temp	40.313	40.25	40.063	39.875	39.688	39.563
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	11	11	11	11	11	11
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	151	152	153	154	155	156
Analysis	P-1073	P-1073	P-1073	P-1073	P-1073	P-1073
Time Code	2012/04/27 15:12:27	2012/04/27 15:21:15	2012/04/27 15:30:05	2012/04/27 15:38:56	2012/04/27 15:47:46	2012/04/27 15:56:35
Port	2-12	2-12	2-12	2-12	2-12	2-12
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.794	-11.867	-11.851	-11.904	-11.864	-11.837
d(D_H)Mean	-113.268	-113.045	-113.04	-112.986	-113.162	-113.158
H2O_Mean	19720.815	19715	19729.74	19743.026	21729.687	21878.376
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-05	6521-05	6521-05	6521-05	6521-05	6521-05
Identifier 2	EPAMW01d-0412	EPAMW01d-0412	EPAMW01d-0412	EPAMW01d-041 2	EPAMW01d-0412	EPAMW01d-0412
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335557274	1335557803	1335558332	1335558864	1335559394	1335559920
d(18_16)_SD	0.153	0.185	0.217	0.171	0.171	0.184
d(D_H)_SD	0.606	0.568	0.759	0.686	0.642	0.597
H2O_SD	65.153	62.636	70.345	61.079	69.126	70.52
d(18_16)_SI	0	0	0.003	-0.001	0.001	0.001
d(D_H)_SI	0.001	0.003	0.002	0.003	0.003	0.001
H2O_SI	1.543	1.481	1.684	1.463	1.62	1.635
ORGANIC_BASE	985.36625	985.68094	985.86703	985.65798	986.35619	986.65175
ORGANIC_MEOH_AMPL	0.001	0.0009	0.0009	0.0009	0.00099	0.00096
ORGANIC_SLOPE	-35.74978	-35.33005	-35.37267	-35.38156	-38.59571	-39.29421
ORGANIC_CH4CONC	-0.00051	-0.00054	-0.00058	-0.00054	-0.0006	-0.00063
ORGANIC_CM_SHIFT	0.00001	0	0.00001	0.00001	0	0.00001
ORGANIC_STDEV	3.88287	3.92488	3.87627	3.99705	4.31653	4.54685
ORGANIC_Y	1.06304	1.06303	1.06307	1.06312	1.06836	1.06877
ORGANIC_77	-35.4875	-36.24789	-36.23397	-36.45314	-39.66173	-39.86953
ORGANIC_82	-40.26556	-40.375	-40.48628	-40.41134	-44.45765	-44.77736
ORGANIC_SPLINE MAX	2641.89005	2641.25609	2643.22102	2644.95727	2911.14961	2931.0775
ORGANIC_SQUISH	0.04545	0.04294	0.04329	0.04292	0.0487	0.04535
STANDARD_BASE	993.79914	993.57844	993.68304	993.52446	994.93097	995.20692
STANDARD_STDEV	1.05406	1.04824	1.05031	1.02405	1.12281	1.13958
DAS Temp	39.625	39.688	39.75	39.938	39.938	40.063
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	12	12	12	12	12	12
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	157	158	159	160	161	162
Analysis	P-1074	P-1074	P-1074	P-1074	P-1074	P-1074
Time Code	2012/04/27 16:05:25	2012/04/27 16:14:15	2012/04/27 16:23:04	2012/04/27 16:31:53	2012/04/27 16:40:43	2012/04/27 16:49:33
Port	2-13	2-13	2-13	2-13	2-13	2-13
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.76	-11.886	-11.771	-11.862	-11.914	-11.889
d(D_H)Mean	-113.226	-113.087	-113.244	-113.205	-113.063	-113.042
H2O_Mean	22065.896	22172.516	21936.963	21853.792	21906.169	21778.222
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-06	6521-06	6521-06	6521-06	6521-06	6521-06
Identifier 2	EPAMW01-0412-2	EPAMW01-0412-2	EPAMW01-0412-2	EPAMW01-0 412-2	EPAMW01-0412-2	EPAMW01-0412-2
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335560450	1335560982	1335561513	1335562039	1335562569	1335563100
d(18_16)_SD	0.176	0.179	0.156	0.172	0.174	0.194
d(D_H)_SD	0.612	0.594	0.63	0.655	0.674	0.731
H2O_SD	67.803	72.065	68.608	67.145	69.73	69.092
d(18_16)_SI	0.001	0.001	0.001	0	0	0.002
d(D_H)_SI	0.005	0.002	0	0	0.001	0
H2O_SI	1.621	1.693	1.663	1.625	1.614	1.698
ORGANIC_BASE	987.03185	986.75846	986.75765	986.64195	986.46947	986.24297
ORGANIC_MEOH_AMPL	0.00093	0.00095	0.001	0.00098	0.00099	0.00104
ORGANIC_SLOPE	-40.48957	-39.29893	-40.19277	-39.13718	-38.5924	-39.42199
ORGANIC_CH4CONC	-0.00067	-0.00065	-0.00066	-0.00063	-0.0006	-0.00059
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00002	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.55094	4.41431	4.57923	4.30902	4.18611	4.31393
ORGANIC_Y	1.06927	1.06953	1.06893	1.06868	1.06881	1.06848
ORGANIC_77	-39.81039	-40.78188	-39.34295	-39.95588	-40.4122	-39.62287
ORGANIC_82	-45.22243	-45.42366	-44.93313	-44.72294	-44.81096	-44.41064
ORGANIC_SPLINE MAX	2956.16003	2970.58357	2938.72614	2927.84762	2934.9314	2917.53412
ORGANIC_SQUISH	0.04402	0.0433	0.04522	0.04726	0.04383	0.04285
STANDARD_BASE	995.57292	995.2515	995.48189	995.3009	995.09216	995.19067
STANDARD_STDEV	1.17875	1.14044	1.16003	1.14193	1.12801	1.12475
DAS Temp	40.125	40.125	40.188	40.063	40.188	40.25
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	13	13	13	13	13	13
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	163	164	165	166	167	168
Analysis	P-1075	P-1075	P-1075	P-1075	P-1075	P-1075
Time Code	2012/04/27 16:58:23	2012/04/27 17:07:14	2012/04/27 17:16:04	2012/04/27 17:24:55	2012/04/27 17:33:44	2012/04/27 17:42:35
Port	2-14	2-14	2-14	2-14	2-14	2-14
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.808	-11.817	-11.849	-11.95	-11.906	-11.866
d(D_H)Mean	-113.24	-113.327	-113.325	-113.092	-113.129	-113.126
H2O_Mean	21143.627	19794.451	21957.016	21634.151	22164.652	21847.039
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-07	6521-07	6521-07	6521-07	6521-07	6521-07
Identifier 2	EPAMW01-0412-3	EPAMW01-0412-3	EPAMW01-0412-3	EPAMW01-0 412-3	EPAMW01-0412-3	EPAMW01-0412-3
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335563633	1335564161	1335564693	1335565221	1335565751	1335566282
d(18_16)_SD	0.175	0.155	0.166	0.207	0.166	0.205
d(D_H)_SD	0.666	0.593	0.677	0.642	0.712	0.611
H2O_SD	69.477	62.637	70.501	62.149	64.812	69.438
d(18_16)_SI	0.001	0	0.002	0	0	0.002
d(D_H)_SI	-0.001	0.003	0.001	0.005	0.005	0
H2O_SI	1.658	1.489	1.7	1.491	1.549	1.663
ORGANIC_BASE	986.22843	985.98099	986.92602	986.65136	986.51972	986.85011
ORGANIC_MEOH_AMPL	0.00099	0.00089	0.00092	0.0009	0.001	0.00091
ORGANIC_SLOPE	-38.45931	-35.4386	-39.25976	-38.4249	-39.66202	-39.19043
ORGANIC_CH4CONC	-0.00063	-0.00059	-0.00067	-0.00064	-0.00061	-0.00065
ORGANIC_CM_SHIFT	0.00001	0	0.00002	0.00001	0	0
ORGANIC_STDEV	4.17711	3.96424	4.49924	4.36391	4.50926	4.50927
ORGANIC_Y	1.06681	1.06325	1.06898	1.06812	1.06951	1.06869
ORGANIC_77	-38.16134	-36.23243	-40.23326	-40.32794	-40.60026	-40.1375
ORGANIC_82	-43.26872	-40.68824	-45.09764	-44.37446	-45.26579	-44.81833
ORGANIC_SPLINE MAX	2832.47422	2651.92259	2941.64621	2898.45974	2969.39077	2926.91316
ORGANIC_SQUISH	0.04522	0.04375	0.04533	0.04658	0.04591	0.04204
STANDARD_BASE	994.78378	993.75544	995.20366	994.79088	995.31948	995.12613
STANDARD_STDEV	1.11037	1.06591	1.15442	1.10464	1.15787	1.13096
DAS Temp	40.25	40.188	40.125	40.25	40.125	39.938
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	14	14	14	14	14	14
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	169	170	171	172	173	174
Analysis	P-1076	P-1076	P-1076	P-1076	P-1076	P-1076
Time Code	2012/04/27 17:51:24	2012/04/27 18:00:14	2012/04/27 18:09:04	2012/04/27 18:17:55	2012/04/27 18:26:45	2012/04/27 18:35:35
Port	2-15	2-15	2-15	2-15	2-15	2-15
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.783	-11.876	-11.891	-11.822	-11.947	-11.951
d(D_H)Mean	-113.195	-113.076	-112.93	-112.954	-112.974	-113.013
H2O_Mean	21493.347	19801.548	21715.715	21806.479	21875.88	21792.233
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-08	6521-08	6521-08	6521-08	6521-08	6521-08
Identifier 2	EPAMW01-0412-4	EPAMW01-0412-4	EPAMW01-0412-4	EPAMW01-0 412-4	EPAMW01-0412-4	EPAMW01-0412-4
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335566812	1335567340	1335567871	1335568401	1335568932	1335569465
d(18_16)_SD	0.179	0.174	0.176	0.175	0.177	0.181
d(D_H)_SD	0.692	0.557	0.713	0.624	0.577	0.569
H2O_SD	66.156	64.827	67.986	62.965	64.701	66.902
d(18_16)_SI	0.001	0.001	0.001	0	0	0.001
d(D_H)_SI	0.002	0	0	0	0.002	0
H2O_SI	1.611	1.528	1.599	1.483	1.534	1.606
ORGANIC_BASE	986.35194	985.57723	986.3723	986.83468	986.17633	986.15839
ORGANIC_MEOH_AMPL	0.00099	0.00093	0.00095	0.0009	0.00101	0.00099
ORGANIC_SLOPE	-38.85295	-35.17687	-38.63382	-38.77453	-38.62662	-38.30408
ORGANIC_CH4CONC	-0.00062	-0.00054	-0.00062	-0.00065	-0.0006	-0.0006
ORGANIC_CM_SHIFT	0.00001	0.00002	0.00001	0.00001	0	0
ORGANIC_STDEV	4.36519	3.87496	4.38083	4.30631	4.47148	4.41788
ORGANIC_Y	1.06774	1.06326	1.06833	1.06857	1.06875	1.06853
ORGANIC_77	-38.75712	-36.35365	-39.93317	-39.93964	-40.28092	-40.23748
ORGANIC_82	-43.98312	-40.57635	-44.40286	-44.74294	-44.6896	-44.52554
ORGANIC_SPLINEMAX	2879.432	2652.82904	2909.33804	2921.56623	2930.67816	2919.52841
ORGANIC_SQUISH	0.04344	0.0397	0.03963	0.03957	0.04428	0.04326
STANDARD_BASE	994.9845	993.54035	994.83743	995.01172	994.82905	994.70914
STANDARD_STDEV	1.14831	1.05293	1.10331	1.13691	1.1278	1.09761
DAS Temp	39.938	39.875	39.875	39.875	39.688	39.688
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	15	15	15	15	15	15
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	175	176	177	178	179	180
Analysis	P-1077	P-1077	P-1077	P-1077	P-1077	P-1077
Time Code	2012/04/27 18:44:26	2012/04/27 18:53:16	2012/04/27 19:02:07	2012/04/27 19:10:59	2012/04/27 19:19:49	2012/04/27 19:28:39
Port	2-16	2-16	2-16	2-16	2-16	2-16
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.991	-11.92	-11.988	-11.872	-11.931	-11.952
d(D_H)Mean	-113.077	-113.252	-113.229	-113.189	-113.259	-113.213
H2O_Mean	21388.119	21283.485	21596.814	21921.593	21747.807	21837.937
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-09	6521-09	6521-09	6521-09	6521-09	6521-09
Identifier 2	EPAMW01-0412-5	EPAMW01-0412-5	EPAMW01-0412-5	EPAMW01-0 412-5	EPAMW01-0412-5	EPAMW01-0412-5
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335569991	1335570521	1335571053	1335571587	1335572115	1335572645
d(18_16)_SD	0.172	0.185	0.178	0.163	0.173	0.155
d(D_H)_SD	0.589	0.728	0.654	0.562	0.644	0.568
H2O_SD	65.919	69.523	63.214	64.439	65.513	72.918
d(18_16)_SI	0.001	0.001	0.001	0	0.001	0.001
d(D_H)_SI	0	0.002	0.006	0.002	0.003	0.001
H2O_SI	1.553	1.659	1.516	1.541	1.571	1.711
ORGANIC_BASE	986.1314	985.8837	985.45033	986.29034	985.74674	986.11264
ORGANIC_MEOH_AMPL	0.00091	0.00102	0.00109	0.00097	0.0011	0.00101
ORGANIC_SLOPE	-37.44503	-37.96005	-38.11837	-38.96939	-38.53021	-38.14729
ORGANIC_CH4CONC	-0.00059	-0.00058	-0.00054	-0.00058	-0.00057	-0.00058
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0.00001	0
ORGANIC_STDEV	4.25808	4.15102	4.2495	4.39052	4.28177	4.23258
ORGANIC_Y	1.06746	1.06717	1.06799	1.06887	1.06839	1.06863
ORGANIC_77	-40.05339	-39.04955	-39.68395	-40.13505	-39.64556	-40.36898
ORGANIC_82	-43.80567	-43.51496	-43.97457	-44.77866	-44.35653	-44.64721
ORGANIC_SPLINE MAX	2865.53263	2851.33389	2893.2203	2936.94015	2913.43557	2925.75828
ORGANIC_SQUISH	0.04088	0.04405	0.04456	0.04406	0.04659	0.04478
STANDARD_BASE	994.28221	994.55491	994.50128	994.96059	994.79555	994.79891
STANDARD_STDEV	1.08028	1.12068	1.10304	1.12228	1.13291	1.1195
DAS Temp	39.625	39.563	39.625	39.563	39.438	39.563
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	16	16	16	16	16	16
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	181	182	183	184	185	186
Analysis	P-1078	P-1078	P-1078	P-1078	P-1078	P-1078
Time Code	2012/04/27 19:37:29	2012/04/27 19:46:20	2012/04/27 19:55:11	2012/04/27 20:04:01	2012/04/27 20:12:53	2012/04/27 20:21:43
Port	2-17	2-17	2-17	2-17	2-17	2-17
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.922	-11.963	-11.896	-11.994	-11.932	-11.927
d(D_H)Mean	-113.242	-113.259	-113.278	-113.243	-113.297	-113.272
H2O_Mean	21574.571	21358.397	22036.327	21610.025	22116.929	21816.719
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-10	6521-10	6521-10	6521-10	6521-10	6521-10
Identifier 2	EPAMW01-0412-6	EPAMW01-0412-6	EPAMW01-0412-6	EPAMW01-0 412-6	EPAMW01-0412-6	EPAMW01-0412-6
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335573176	1335573707	1335574238	1335574768	1335575300	1335575830
d(18_16)_SD	0.168	0.19	0.181	0.202	0.167	0.185
d(D_H)_SD	0.728	0.677	0.587	0.585	0.611	0.638
H2O_SD	71.598	66.685	70.482	68.909	68.97	66.464
d(18_16)_SI	0.001	0.001	0.001	0.001	0	0.001
d(D_H)_SI	0.003	0.002	0	0.001	0.002	0.001
H2O_SI	1.677	1.601	1.682	1.626	1.634	1.667
ORGANIC_BASE	986.60668	985.90004	986.24525	986.02591	986.19418	986.13186
ORGANIC_MEOH_AMPL	0.00086	0.00099	0.00102	0.00099	0.00105	0.00102
ORGANIC_SLOPE	-38.27724	-37.83012	-39.01984	-37.75787	-39.19998	-38.53644
ORGANIC_CH4CONC	-0.00061	-0.00059	-0.00061	-0.00059	-0.0006	-0.00059
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0.00002	0	-0.00001
ORGANIC_STDEV	4.25776	4.26131	4.39058	4.23335	4.3041	4.25401
ORGANIC_Y	1.06795	1.06738	1.06916	1.06803	1.06937	1.06858
ORGANIC_77	-40.28227	-39.47461	-40.31573	-40.24575	-40.58913	-40.10396
ORGANIC_82	-44.29241	-43.70935	-45.06854	-44.23247	-45.21199	-44.61745
ORGANIC_SPLINE MAX	2890.62406	2861.34879	2952.2265	2895.23913	2963.03023	2922.81508
ORGANIC_SQUISH	0.04328	0.04606	0.04631	0.04268	0.04353	0.0457
STANDARD_BASE	994.67141	994.38627	995.00357	994.54463	995.11941	994.86413
STANDARD_STDEV	1.13418	1.0871	1.13927	1.09644	1.18765	1.14408
DAS Temp	39.5	39.563	39.563	39.625	39.563	39.625
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	17	17	17	17	17	17
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	187	188	189	190	191	192
Analysis	P-1079	P-1079	P-1079	P-1079	P-1079	P-1079
Time Code	2012/04/27 20:30:35	2012/04/27 20:39:25	2012/04/27 20:48:16	2012/04/27 20:57:07	2012/04/27 21:05:58	2012/04/27 21:14:49
Port	2-18	2-18	2-18	2-18	2-18	2-18
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.81	-11.87	-11.922	-11.872	-11.87	-11.86
d(D_H)Mean	-113.313	-113.302	-113.151	-113.261	-113.354	-113.346
H2O_Mean	21492.178	21620.46	21746.252	21704.192	20837.47	21958.535
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-11	6521-11	6521-11	6521-11	6521-11	6521-11
Identifier 2	EPAMW01-0413-7	EPAMW01-0413-7	EPAMW01-0413-7	EPAMW01-0 413-7	EPAMW01-0413-7	EPAMW01-0413-7
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335576363	1335576893	1335577424	1335577953	1335578484	1335579017
d(18_16)_SD	0.144	0.175	0.172	0.184	0.158	0.181
d(D_H)_SD	0.675	0.723	0.544	0.485	0.668	0.676
H2O_SD	67.846	71.023	74.05	66.575	69.816	65.707
d(18_16)_SI	0.001	0.001	0.001	0	0.001	0.001
d(D_H)_SI	0.003	0.003	-0.002	0.002	-0.001	0.001
H2O_SI	1.614	1.676	1.724	1.547	1.643	1.569
ORGANIC_BASE	986.61575	986.38477	986.64526	986.30667	986.20276	986.43139
ORGANIC_MEOH_AMPL	0.00091	0.00095	0.00089	0.00098	0.00092	0.001
ORGANIC_SLOPE	-39.29609	-38.97494	-38.27115	-38.9257	-37.24497	-39.28311
ORGANIC_CH4CONC	-0.00065	-0.00061	-0.00063	-0.0006	-0.00061	-0.0006
ORGANIC_CM_SHIFT	0	0.00002	0	0.00001	0.00002	0.00001
ORGANIC_STDEV	4.44974	4.43664	4.32671	4.30453	4.22882	4.35583
ORGANIC_Y	1.06775	1.06808	1.06841	1.06829	1.06601	1.06896
ORGANIC_77	-39.10387	-39.55925	-40.48314	-39.68472	-38.24392	-40.08208
ORGANIC_82	-44.06927	-44.2871	-44.65166	-44.41196	-42.74971	-44.90621
ORGANIC_SPLINE MAX	2879.29358	2896.48567	2913.56453	2907.72633	2791.63288	2941.8785
ORGANIC_SQUISH	0.04587	0.04549	0.04496	0.0451	0.04204	0.04381
STANDARD_BASE	994.92542	994.84162	994.73686	994.89914	994.34906	995.22666
STANDARD_STDEV	1.13357	1.13842	1.13829	1.16007	1.08852	1.14966
DAS Temp	39.625	39.563	39.625	39.625	39.563	39.563
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	18	18	18	18	18	18
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	193	194	195	196	197	198
Analysis	P-1080	P-1080	P-1080	P-1080	P-1080	P-1080
Time Code	2012/04/27 21:23:39	2012/04/27 21:32:31	2012/04/27 21:41:22	2012/04/27 21:50:13	2012/04/27 21:59:05	2012/04/27 22:07:56
Port	2-19	2-19	2-19	2-19	2-19	2-19
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.974	-11.897	-11.91	-11.931	-11.924	-11.998
d(D_H)Mean	-113.347	-113.339	-113.277	-113.396	-113.475	-113.275
H2O_Mean	21172.822	21423.965	21843.114	21505.68	21770.128	21718.207
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-12	6521-12	6521-12	6521-12	6521-12	6521-12
Identifier 2	EPAMW01-0412-8	EPAMW01-0412-8	EPAMW01-0412-8	EPAMW01-0 412-8	EPAMW01-0412-8	EPAMW01-0412-8
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335579546	1335580079	1335580609	1335581138	1335581673	1335582205
d(18_16)_SD	0.158	0.167	0.136	0.147	0.162	0.179
d(D_H)_SD	0.617	0.521	0.604	0.637	0.708	0.692
H2O_SD	67.351	62.717	66.473	68.816	66.58	71.958
d(18_16)_SI	0.001	-0.001	0	0	0	0.001
d(D_H)_SI	0.004	0	0.002	0.002	-0.002	0.001
H2O_SI	1.607	1.507	1.616	1.644	1.578	1.707
ORGANIC_BASE	985.51425	986.27885	986.06576	986.02746	986.56093	985.69207
ORGANIC_MEOH_AMPL	0.00104	0.00094	0.00101	0.001	0.00093	0.00107
ORGANIC_SLOPE	-37.30519	-38.48099	-38.53164	-37.93743	-38.85266	-38.33574
ORGANIC_CH4CONC	-0.00054	-0.00059	-0.00059	-0.00058	-0.00061	-0.00055
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00001	0	0.00002	0.00001
ORGANIC_STDEV	4.088	4.26682	4.19811	4.23005	4.39465	4.24665
ORGANIC_Y	1.06687	1.06755	1.06864	1.06776	1.06847	1.06831
ORGANIC_77	-39.01631	-39.37058	-40.10869	-39.66842	-40.28071	-40.11644
ORGANIC_82	-43.20535	-43.86863	-44.66521	-44.01546	-44.66598	-44.30086
ORGANIC_SPLINE MAX	2836.49179	2870.20645	2926.40809	2881.20648	2916.62827	2909.55655
ORGANIC_SQUISH	0.04395	0.04353	0.04352	0.04287	0.04311	0.04567
STANDARD_BASE	994.27005	994.71907	994.7976	994.61994	994.90374	994.63518
STANDARD_STDEV	1.12075	1.13731	1.12655	1.11832	1.14931	1.12635
DAS Temp	39.563	39.625	39.688	39.688	39.75	39.688
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	19	19	19	19	19	19
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	199	200	201	202	203	204
Analysis	P-1081	P-1081	P-1081	P-1081	P-1081	P-1081
Time Code	2012/04/27 22:16:48	2012/04/27 22:25:39	2012/04/27 22:34:30	2012/04/27 22:43:22	2012/04/27 22:52:14	2012/04/27 23:01:05
Port	2-20	2-20	2-20	2-20	2-20	2-20
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.909	-11.88	-11.838	-11.899	-11.823	-11.925
d(D_H)Mean	-113.473	-113.323	-113.354	-113.418	-113.459	-113.524
H2O_Mean	21369.216	21114.371	21709.622	21723.867	22060.019	21909.635
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-13	6521-13	6521-13	6521-13	6521-13	6521-13
Identifier 2	EPAMW01-0412-9	EPAMW01-0412-9	EPAMW01-0412-9	EPAMW01-0 412-9	EPAMW01-0412-9	EPAMW01-0412-9
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335582735	1335583267	1335583798	1335584330	1335584864	1335585393
d(18_16)_SD	0.188	0.17	0.16	0.146	0.158	0.163
d(D_H)_SD	0.626	0.673	0.732	0.602	0.606	0.609
H2O_SD	69.92	66.988	68.076	64.014	66.577	68.279
d(18_16)_SI	0.002	0	0.001	0	0	0.001
d(D_H)_SI	0.003	0.004	0.001	0.001	0.001	0.003
H2O_SI	1.669	1.616	1.622	1.521	1.621	1.615
ORGANIC_BASE	986.27491	986.53944	986.44646	986.33783	986.72331	986.62632
ORGANIC_MEOH_AMPL	0.00095	0.00088	0.00098	0.001	0.00097	0.00093
ORGANIC_SLOPE	-38.31515	-38.30323	-39.8128	-39.32089	-40.10825	-39.02049
ORGANIC_CH4CONC	-0.00063	-0.00065	-0.00064	-0.00064	-0.00067	-0.0006
ORGANIC_CM_SHIFT	0	0.00001	0.00001	0.00001	0	0.00001
ORGANIC_STDEV	4.42782	4.40184	4.41159	4.35595	4.59584	4.34405
ORGANIC_Y	1.06742	1.06676	1.06831	1.06835	1.06925	1.06884
ORGANIC_77	-39.25312	-38.98146	-39.38985	-39.72838	-39.96104	-40.63844
ORGANIC_82	-43.85408	-43.382	-44.45048	-44.48682	-45.23681	-44.92651
ORGANIC_SPLINE MAX	2862.77648	2828.73401	2908.3464	2910.27468	2955.29464	2935.45104
ORGANIC_SQUISH	0.04139	0.04483	0.04383	0.0441	0.04356	0.04447
STANDARD_BASE	994.6142	994.57004	995.14295	995.01989	995.34258	995.11367
STANDARD_STDEV	1.1146	1.10439	1.15508	1.11559	1.14737	1.15214
DAS Temp	39.563	39.563	39.563	39.563	39.563	39.625
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	20	20	20	20	20	20
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	205	206	207	208	209	210
Analysis	P-1082	P-1082	P-1082	P-1082	P-1082	P-1082
Time Code	2012/04/27 23:09:57	2012/04/27 23:18:50	2012/04/27 23:27:42	2012/04/27 23:36:35	2012/04/27 23:45:26	2012/04/27 23:54:19
Port	2-21	2-21	2-21	2-21	2-21	2-21
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.909	-11.941	-11.88	-11.898	-11.807	-11.904
d(D_H)Mean	-113.519	-113.432	-113.491	-113.536	-113.696	-113.67
H2O_Mean	21468.267	21780.798	21766.331	21875.738	21883.966	21850.383
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-14	6521-14	6521-14	6521-14	6521-14	6521-14
Identifier 2	EPAMW01-0412-10	EPAMW01-0412-10	EPAMW01-0412-10	EPAMW0 1-0412-10	EPAMW01-0412-10	EPAMW01-0412-10
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335585927	1335586458	1335586988	1335587523	1335588054	1335588586
d(18_16)_SD	0.187	0.18	0.169	0.163	0.163	0.169
d(D_H)_SD	0.627	0.638	0.639	0.637	0.583	0.481
H2O_SD	62.045	64.828	72.056	63.335	69.457	61.579
d(18_16)_SI	0	0	0.002	-0.001	0.001	-0.001
d(D_H)_SI	0.001	-0.001	0.001	0.002	0	-0.001
H2O_SI	1.522	1.537	1.708	1.521	1.676	1.512
ORGANIC_BASE	986.21319	986.38349	986.65423	986.44596	987.13274	986.95903
ORGANIC_MEOH_AMPL	0.00096	0.00097	0.00092	0.00098	0.00085	0.00086
ORGANIC_SLOPE	-38.23172	-39.19445	-38.97691	-38.96603	-39.57214	-38.69586
ORGANIC_CH4CONC	-0.00058	-0.00065	-0.00063	-0.00061	-0.00066	-0.00063
ORGANIC_CM_SHIFT	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001
ORGANIC_STDEV	4.15803	4.33507	4.33367	4.13222	4.50574	4.35811
ORGANIC_Y	1.06766	1.0685	1.06846	1.06872	1.06879	1.06868
ORGANIC_77	-39.59089	-40.17801	-40.09942	-40.2386	-40.09822	-40.69433
ORGANIC_82	-44.0221	-44.6535	-44.69426	-44.84093	-45.05094	-44.97796
ORGANIC_SPLINE MAX	2876.24179	2917.93677	2916.19731	2930.85845	2931.95759	2927.58495
ORGANIC_SQUISH	0.04464	0.04411	0.0452	0.0433	0.04487	0.04289
STANDARD_BASE	994.70231	994.8996	995.02578	995.11069	995.24338	995.01984
STANDARD_STDEV	1.12237	1.11906	1.12148	1.13565	1.17359	1.15227
DAS Temp	39.563	39.5	39.625	39.625	39.625	39.625
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	21	21	21	21	21	21
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	211	212	213	214	215	216
Analysis	P-1083	P-1083	P-1083	P-1083	P-1083	P-1083
Time Code	2012/04/28 00:03:11	2012/04/28 00:12:03	2012/04/28 00:20:55	2012/04/28 00:29:47	2012/04/28 00:38:39	2012/04/28 00:47:32
Port	2-22	2-22	2-22	2-22	2-22	2-22
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-11.833	-11.958	-11.934	-11.916	-11.886	-11.982
d(D_H)Mean	-113.599	-113.534	-113.407	-113.521	-113.473	-113.349
H2O_Mean	21405.227	21572.255	21772.558	21936.007	21859.319	21858.207
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	6521-14_LD	6521-14_LD	6521-14_LD	6521-14_LD	6521-14_LD	6521-14_LD
Identifier 2	AMW01-0412-10_LD	AMW01-0412-10_LD	AMW01-0412-10_LD	AMW01-0412-10_LD	AMW01-0412-10_LD	AMW01-0412-10_LD
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335589120	1335589651	1335590182	1335590715	1335591248	1335591780
d(18_16)_SD	0.178	0.166	0.177	0.176	0.183	0.159
d(D_H)_SD	0.628	0.533	0.521	0.622	0.743	0.531
H2O_SD	67.252	71.96	67.632	67.161	73.969	64.405
d(18_16)_SI	0	0.001	0	0.001	0.002	0
d(D_H)_SI	0.002	0.003	0.001	0.003	0.004	0.004
H2O_SI	1.619	1.695	1.575	1.619	1.764	1.544
ORGANIC_BASE	986.0301	986.30409	986.4369	986.9526	986.10381	985.98188
ORGANIC_MEOH_AMPL	0.001	0.00095	0.00096	0.00086	0.00105	0.00103
ORGANIC_SLOPE	-38.82119	-38.6871	-38.8017	-38.67976	-39.07038	-38.08257
ORGANIC_CH4CONC	-0.00062	-0.00064	-0.00062	-0.00063	-0.00059	-0.00056
ORGANIC_CM_SHIFT	0.00001	0	0	0	0.00002	0
ORGANIC_STDEV	4.43997	4.44527	4.34466	4.25683	4.25999	4.09194
ORGANIC_Y	1.06751	1.06796	1.06847	1.0689	1.06868	1.06866
ORGANIC_77	-38.68901	-39.94841	-40.27288	-40.93411	-39.79839	-40.55532
ORGANIC_82	-43.83525	-44.26231	-44.67447	-45.13799	-44.66307	-44.64457
ORGANIC_SPLINEMAX	2867.49622	2890.02316	2916.96605	2939.10579	2928.48179	2928.55464
ORGANIC_SQUISH	0.04148	0.04455	0.04611	0.04561	0.04157	0.04245
STANDARD_BASE	994.66641	994.69709	994.92781	995.04678	995.06489	994.84452
STANDARD_STDEV	1.14582	1.11008	1.13234	1.13836	1.13808	1.12625
DAS Temp	39.688	39.625	39.563	39.563	39.563	39.625
Tray	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear	MT1-Rear
Sample	22	22	22	22	22	22
Job	25	25	25	25	25	25
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	223	224	225	226	227	228
Analysis	P-1085	P-1085	P-1085	P-1085	P-1085	P-1085
Time Code	2012/04/28 01:49:43	2012/04/28 01:58:36	2012/04/28 02:07:28	2012/04/28 02:16:21	2012/04/28 02:25:15	2012/04/28 02:34:07
Port	1-12	1-12	1-12	1-12	1-12	1-12
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-5.838	-5.77	-5.738	-5.76	-5.77	-5.79
d(D_H)Mean	-45.567	-45.464	-45.535	-45.642	-45.428	-45.361
H2O_Mean	21877.785	21931.506	21888.148	21772.821	22071.105	21606.213
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S3	S3	S3	S3	S3	S3
Identifier 2	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335595512	1335596045	1335596578	1335597111	1335597643	1335598177
d(18_16)_SD	0.167	0.172	0.145	0.182	0.177	0.205
d(D_H)_SD	0.598	0.583	0.61	0.621	0.631	0.614
H2O_SD	73.627	65.082	67.552	69.83	62.283	67.89
d(18_16)_SI	0.001	0	0.001	0.001	-0.002	0.001
d(D_H)_SI	-0.003	0.001	-0.001	-0.001	0.002	-0.002
H2O_SI	1.717	1.518	1.614	1.645	1.475	1.616
ORGANIC_BASE	986.68068	987.71545	987.67317	987.77668	988.10009	987.82
ORGANIC_MEOH_AMPL	0.00098	0.0008	0.00083	0.00079	0.00076	0.00074
ORGANIC_SLOPE	-37.74546	-38.04115	-37.85483	-38.05687	-38.43431	-37.27045
ORGANIC_CH4CONC	-0.00066	-0.00072	-0.0007	-0.00074	-0.00074	-0.00073
ORGANIC_CM_SHIFT	0.00001	0.00001	-0.00001	0.00002	0	0.00001
ORGANIC_STDEV	3.91042	4.1586	3.99656	4.24808	4.31698	4.04645
ORGANIC_Y	1.06872	1.06889	1.06876	1.06848	1.06928	1.06803
ORGANIC_77	-7.39831	-7.78008	-7.49967	-7.59286	-7.93736	-7.98642
ORGANIC_82	-32.91986	-33.27442	-33.18145	-33.07281	-33.54586	-32.85053
ORGANIC_SPLINEMAX	2931.21718	2938.64685	2932.85229	2917.30779	2957.36393	2895.15748
ORGANIC_SQUISH	0.04055	0.04142	0.04324	0.04047	0.04364	0.04265
STANDARD_BASE	995.10343	995.32098	995.44886	995.3407	995.54607	995.12107
STANDARD_STDEV	1.06821	1.06667	1.08454	1.08666	1.10021	1.04546
DAS Temp	39.438	39.5	39.5	39.375	39.438	39.375
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	12	12	12	12	12	12
Job	27	27	27	27	27	27
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	229	230	231	232	233	234
Analysis	P-1086	P-1086	P-1086	P-1086	P-1086	P-1086
Time Code	2012/04/28 02:43:00	2012/04/28 02:51:53	2012/04/28 03:00:47	2012/04/28 03:09:40	2012/04/28 03:18:34	2012/04/28 03:27:29
Port	1-01	1-01	1-01	1-01	1-01	1-01
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.349	-3.302	-3.342	-3.28	-3.299	-3.339
d(D_H)Mean	-27.078	-26.321	-26.043	-26.006	-25.884	-25.748
H2O_Mean	22022.27	21605.798	21729.089	22355.585	21980.53	22027.232
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335598711	1335599241	1335599775	1335600308	1335600843	1335601379
d(18_16)_SD	0.193	0.184	0.168	0.207	0.201	0.198
d(D_H)_SD	0.601	0.65	0.587	0.639	0.46	0.633
H2O_SD	74.118	68.359	68.533	73.299	70.197	71.585
d(18_16)_SI	0.001	0	0	0.002	0.001	0.001
d(D_H)_SI	-0.001	0	0	0	-0.002	-0.001
H2O_SI	1.754	1.655	1.639	1.725	1.688	1.73
ORGANIC_BASE	987.46534	987.34137	987.98985	987.68811	987.79399	987.5173
ORGANIC_MEOH_AMPL	0.00088	0.00086	0.0007	0.00088	0.0008	0.00085
ORGANIC_SLOPE	-37.41143	-36.71547	-36.11078	-37.91511	-37.0113	-37.05853
ORGANIC_CH4CONC	-0.0007	-0.00068	-0.00073	-0.0007	-0.00073	-0.0007
ORGANIC_CM_SHIFT	0.00001	0.00002	0.00002	0.00001	0.00001	0.00001
ORGANIC_STDEV	3.99625	3.85577	4.00313	4.05802	4.04019	3.92799
ORGANIC_Y	1.06911	1.068	1.06836	1.06999	1.06901	1.06912
ORGANIC_77	5.73801	5.74022	4.87901	6.12213	5.60862	5.5833
ORGANIC_82	-30.07018	-29.36214	-29.74259	-30.29722	-29.91543	-29.82611
ORGANIC_SPLINEMAX	2950.7505	2895.0208	2911.8032	2995.49196	2945.31424	2951.55986
ORGANIC_SQUISH	0.04011	0.04144	0.04145	0.04114	0.04037	0.04152
STANDARD_BASE	995.33324	995.09018	994.9269	995.63214	995.24297	995.28502
STANDARD_STDEV	1.06122	1.03291	1.03199	1.07128	1.03366	1.02195
DAS Temp	39.25	39.25	39.25	39.25	39.25	39.25
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	1	1	1	1	1	1
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	235	236	237	238	239	240
Analysis	P-1087	P-1087	P-1087	P-1087	P-1087	P-1087
Time Code	2012/04/28 03:36:21	2012/04/28 03:45:15	2012/04/28 03:54:08	2012/04/28 04:03:02	2012/04/28 04:11:56	2012/04/28 04:20:50
Port	1-02	1-02	1-02	1-02	1-02	1-02
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.363	-3.29	-3.418	-3.324	-3.234	-3.196
d(D_H)Mean	-25.795	-25.972	-25.777	-25.763	-25.81	-25.91
H2O_Mean	21850.882	22055.631	21625.983	21943.717	21948.064	21805.167
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ2	MQ2	MQ2	MQ2	MQ2	MQ2
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335601910	1335602444	1335602978	1335603510	1335604044	1335604578
d(18_16)_SD	0.178	0.208	0.173	0.185	0.153	0.143
d(D_H)_SD	0.634	0.679	0.65	0.678	0.484	0.584
H2O_SD	69.219	64.505	66.281	73.729	69.823	68.093
d(18_16)_SI	0.001	0	0	0.001	0.001	0.001
d(D_H)_SI	-0.002	0.001	0.001	-0.001	0	-0.002
H2O_SI	1.676	1.534	1.551	1.74	1.665	1.634
ORGANIC_BASE	987.43865	987.94371	986.90076	988.18102	988.49019	988.42047
ORGANIC_MEOH_AMPL	0.00084	0.00077	0.00088	0.0007	0.0007	0.0007
ORGANIC_SLOPE	-36.44056	-37.90706	-35.86921	-37.20603	-37.56542	-37.6907
ORGANIC_CH4CONC	-0.00072	-0.00077	-0.00065	-0.00076	-0.00076	-0.00077
ORGANIC_CM_SHIFT	0	0	0.00001	0.00001	0.00002	0.00002
ORGANIC_STDEV	3.90013	4.19555	4.01064	4.24138	4.16367	4.16485
ORGANIC_Y	1.06866	1.06923	1.06806	1.06894	1.06894	1.06857
ORGANIC_77	5.3251	5.69005	5.1534	5.11558	5.6239	5.82747
ORGANIC_82	-29.72463	-30.05612	-29.26125	-29.97352	-30.05221	-29.84892
ORGANIC_SPLINE MAX	2927.93124	2955.29197	2897.75593	2940.486	2941.06503	2921.84062
ORGANIC_SQUISH	0.04272	0.03771	0.03785	0.04133	0.04061	0.0441
STANDARD_BASE	994.97313	995.32955	994.63716	995.23843	995.54424	995.50825
STANDARD_STDEV	1.01942	1.0605	1.01646	1.05359	1.07281	1.06378
DAS Temp	39.188	39.188	39.25	39.125	39.125	39.063
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	2	2	2	2	2	2
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	247	248	249	250	251	252
Analysis	P-1089	P-1089	P-1089	P-1089	P-1089	P-1089
Time Code	2012/04/28 05:23:08	2012/04/28 05:32:02	2012/04/28 05:40:55	2012/04/28 05:49:50	2012/04/28 05:58:44	2012/04/28 06:07:38
Port	1-04	1-04	1-04	1-04	1-04	1-04
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-33.677	-33.691	-33.668	-33.696	-33.587	-33.696
d(D_H)Mean	-122.556	-122.628	-122.803	-122.8	-122.7	-122.821
H2O_Mean	21573.238	22049.775	21943.322	21835.17	21956.34	21395.316
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S1	S1	S1	S1	S1	S1
Identifier 2	S1 standard	S1 standard	S1 standard	S1 standard	S1 standard	S1 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335608318	1335608852	1335609383	1335609920	1335610455	1335610987
d(18_16)_SD	0.198	0.181	0.191	0.171	0.181	0.139
d(D_H)_SD	0.605	0.558	0.471	0.575	0.543	0.604
H2O_SD	69.478	64.749	69.627	65.594	69.911	66.78
d(18_16)_SI	0.002	0.001	0.001	0	0.001	0.001
d(D_H)_SI	0.005	0.001	0.001	0.001	0.003	0
H2O_SI	1.646	1.557	1.624	1.569	1.682	1.574
ORGANIC_BASE	986.98649	987.63557	987.1279	986.635	987.70831	986.59363
ORGANIC_MEOH_AMPL	0.00081	0.00073	0.00085	0.00092	0.00075	0.00088
ORGANIC_SLOPE	-40.85905	-41.23039	-41.12142	-41.0027	-42.19947	-40.52732
ORGANIC_CH4CONC	-0.00068	-0.00073	-0.00069	-0.00063	-0.00075	-0.00067
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00001	0.00001	-0.00001	0.00001
ORGANIC_STDEV	4.93138	4.84244	4.87494	4.77067	4.96027	4.6552
ORGANIC_Y	1.068	1.06926	1.06897	1.06867	1.06902	1.06751
ORGANIC_77	-156.60837	-160.65804	-159.25177	-158.36562	-159.1008	-155.21686
ORGANIC_82	-45.90972	-47.10389	-46.7624	-46.33453	-46.86277	-45.46077
ORGANIC_SPLINEMAX	2890.07464	2954.22818	2939.75565	2925.20642	2941.45855	2866.21469
ORGANIC_SQUISH	0.04574	0.04602	0.04234	0.04558	0.04646	0.04608
STANDARD_BASE	995.05054	995.43115	995.38799	995.30342	995.66895	995.00662
STANDARD_STDEV	1.32836	1.36603	1.35793	1.34449	1.35623	1.30096
DAS Temp	39.063	38.938	39.125	39.063	39.125	39.063
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	4	4	4	4	4	4
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	259	260	261	262	263	264
Analysis	P-1091	P-1091	P-1091	P-1091	P-1091	P-1091
Time Code	2012/04/28 07:10:03	2012/04/28 07:18:58	2012/04/28 07:27:53	2012/04/28 07:36:49	2012/04/28 07:45:43	2012/04/28 07:54:38
Port	1-06	1-06	1-06	1-06	1-06	1-06
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-13.589	-13.608	-13.608	-13.591	-13.659	-13.642
d(D_H)Mean	-75.423	-75.518	-75.442	-75.454	-75.416	-75.325
H2O_Mean	21869.445	21959.817	21991.101	22152.541	21727.354	21938.464
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S2	S2	S2	S2	S2	S2
Identifier 2	S2 standard	S2 standard	S2 standard	S2 standard	S2 standard	S2 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335614730	1335615266	1335615801	1335616338	1335616873	1335617407
d(18_16)_SD	0.168	0.176	0.167	0.182	0.162	0.181
d(D_H)_SD	0.574	0.558	0.708	0.66	0.513	0.571
H2O_SD	70.594	62.239	67.306	69.638	64.187	72.167
d(18_16)_SI	0.001	0	0	0.001	0	0.002
d(D_H)_SI	-0.003	0.001	0.001	-0.002	0	-0.002
H2O_SI	1.703	1.495	1.601	1.682	1.556	1.753
ORGANIC_BASE	987.40097	987.19474	987.32674	987.28773	987.08847	987.19698
ORGANIC_MEOH_AMPL	0.00081	0.00085	0.00083	0.00085	0.00085	0.00085
ORGANIC_SLOPE	-39.04929	-39.15052	-39.18399	-38.86358	-37.79572	-38.76878
ORGANIC_CH4CONC	-0.00072	-0.00071	-0.00069	-0.00067	-0.00067	-0.0007
ORGANIC_CM_SHIFT	0.00002	0.00002	0.00002	0.00003	0	0.00001
ORGANIC_STDEV	4.45719	4.51264	4.47041	4.30761	4.25235	4.35655
ORGANIC_Y	1.06875	1.06899	1.06907	1.06948	1.06836	1.06892
ORGANIC_77	-49.97953	-50.07766	-50.29561	-50.62037	-50.00136	-50.25711
ORGANIC_82	-38.39215	-38.51105	-38.55161	-38.81614	-38.13715	-38.4457
ORGANIC_SPLINEMAX	2930.09312	2942.09969	2946.39946	2968.17666	2911.1377	2939.3209
ORGANIC_SQUISH	0.04647	0.04372	0.04277	0.04274	0.04248	0.04409
STANDARD_BASE	995.15189	995.10568	995.2366	995.32832	994.89604	995.12704
STANDARD_STDEV	1.16331	1.15073	1.15252	1.15974	1.10591	1.1266
DAS Temp	39	39	39	38.875	38.813	38.75
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	6	6	6	6	6	6
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	271	272	273	274	275	276
Analysis	P-1093	P-1093	P-1093	P-1093	P-1093	P-1093
Time Code	2012/04/28 08:57:03	2012/04/28 09:05:57	2012/04/28 09:14:53	2012/04/28 09:23:47	2012/04/28 09:32:43	2012/04/28 09:41:40
Port	1-08	1-08	1-08	1-08	1-08	1-08
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	17.812	17.954	18.009	17.997	18.036	17.984
d(D_H)Mean	101.36	101.499	101.676	101.676	101.862	102.064
H2O_Mean	21842.604	22354.937	21899.454	21993.851	21804.397	21788.921
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	HHW	HHW	HHW	HHW	HHW	HHW
Identifier 2	HHW standard	HHW standard	HHW standard	HHW standard	HHW standard	HHW standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335621152	1335621686	1335622222	1335622757	1335623293	1335623829
d(18_16)_SD	0.164	0.201	0.193	0.166	0.187	0.185
d(D_H)_SD	0.578	0.628	0.58	0.564	0.683	0.691
H2O_SD	70.639	72.076	70.286	66.407	75.687	68.431
d(18_16)_SI	0.001	0	0.001	0	0.001	0
d(D_H)_SI	-0.005	-0.004	-0.005	-0.005	-0.003	-0.005
H2O_SI	1.683	1.702	1.652	1.594	1.79	1.672
ORGANIC_BASE	988.54354	989.37905	989.89767	989.06093	989.09848	988.48702
ORGANIC_MEOH_AMPL	0.00066	0.00059	0.00047	0.00063	0.00062	0.00071
ORGANIC_SLOPE	-32.45261	-33.46348	-32.96317	-33.24529	-33.17803	-33.35464
ORGANIC_CH4CONC	-0.00081	-0.00084	-0.00091	-0.00083	-0.00084	-0.00079
ORGANIC_CM_SHIFT	0.00002	0.00001	0	0	0	0.00001
ORGANIC_STDEV	3.34294	3.44947	3.50282	3.4251	3.34686	3.42753
ORGANIC_Y	1.0686	1.06996	1.06878	1.069	1.0685	1.06846
ORGANIC_77	119.06666	122.28898	119.66346	120.75936	119.89394	120.02143
ORGANIC_82	-7.77281	-8.02401	-8.09458	-7.77983	-7.73087	-7.50262
ORGANIC_SPLINEMAX	2927.51203	2996.41751	2935.43203	2947.88675	2922.4921	2920.17065
ORGANIC_SQUISH	0.03605	0.03679	0.03776	0.03741	0.03667	0.03583
STANDARD_BASE	994.67092	995.37747	995.20801	995.21196	995.18184	994.99952
STANDARD_STDEV	0.87231	0.93185	0.90123	0.90593	0.92174	0.90116
DAS Temp	38.75	38.688	38.75	38.75	38.688	38.688
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	8	8	8	8	8	8
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

Line	277	278	279	280	281	282
Analysis	P-1094	P-1094	P-1094	P-1094	P-1094	P-1094
Time Code	2012/04/28 09:50:36	2012/04/28 09:59:31	2012/04/28 10:08:27	2012/04/28 10:17:22	2012/04/28 10:26:18	2012/04/28 10:35:14
Port	1-09	1-09	1-09	1-09	1-09	1-09
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-2.883	-3.189	-3.189	-3.217	-3.154	-3.264
d(D_H)Mean	-18.964	-23.117	-23.986	-24.504	-24.701	-24.796
H2O_Mean	22100.148	21928.364	21498.107	21308.43	21557.612	21126.348
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ1	MQ1	MQ1	MQ1	MQ1	MQ1
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335624365	1335624901	1335625437	1335625971	1335626507	1335627044
d(18_16)_SD	0.169	0.176	0.172	0.189	0.167	0.19
d(D_H)_SD	0.745	0.604	0.525	0.631	0.558	0.597
H2O_SD	65.483	73.025	66.701	70.399	65.371	69.471
d(18_16)_SI	0	0.002	0.001	0.002	0	0.001
d(D_H)_SI	0.003	0.005	0.003	0.002	0.001	-0.005
H2O_SI	1.576	1.744	1.607	1.722	1.565	1.657
ORGANIC_BASE	987.24649	987.08684	987.68043	988.04288	988.06231	987.22644
ORGANIC_MEOH_AMPL	0.00085	0.00087	0.00076	0.00066	0.00074	0.0008
ORGANIC_SLOPE	-36.446	-35.90278	-36.0431	-36.05919	-37.03558	-35.8354
ORGANIC_CH4CONC	-0.00068	-0.00066	-0.0007	-0.00076	-0.00076	-0.00067
ORGANIC_CM_SHIFT	0.00002	0.00001	0.00001	0	0.00001	0.00001
ORGANIC_STDEV	3.95178	3.77574	3.82778	4.01845	4.08479	3.87739
ORGANIC_Y	1.06931	1.06884	1.06773	1.06725	1.06791	1.06675
ORGANIC_77	8.00574	6.25245	5.83122	5.32577	6.18332	5.68113
ORGANIC_82	-28.7472	-29.22448	-29.0157	-28.96677	-29.26002	-28.51137
ORGANIC_SPLINE MAX	2961.40613	2938.4694	2880.79027	2855.38627	2888.57979	2830.74215
ORGANIC_SQUISH	0.03892	0.04261	0.0434	0.04243	0.04609	0.0396
STANDARD_BASE	994.90767	994.85983	994.88555	994.75189	995.21418	994.59251
STANDARD_STDEV	1.10551	1.05704	1.03156	1.00945	1.05708	1.01054
DAS Temp	38.625	38.563	38.563	38.625	38.688	38.75
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	9	9	9	9	9	9
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	283	284	285	286	287	288
Analysis	P-1095	P-1095	P-1095	P-1095	P-1095	P-1095
Time Code	2012/04/28 10:44:11	2012/04/28 10:53:06	2012/04/28 11:02:02	2012/04/28 11:10:58	2012/04/28 11:19:55	2012/04/28 11:28:51
Port	1-10	1-10	1-10	1-10	1-10	1-10
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-3.246	-3.289	-3.227	-3.299	-3.264	-3.348
d(D_H)Mean	-24.902	-25.101	-25.13	-25.191	-25.191	-25.157
H2O_Mean	21910.991	21955.419	21812.361	21628.398	21917.789	21487.725
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	MQ2	MQ2	MQ2	MQ2	MQ2	MQ2
Identifier 2	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water	Milli Q water
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335627580	1335628116	1335628651	1335629187	1335629726	1335630261
d(18_16)_SD	0.168	0.184	0.165	0.171	0.203	0.182
d(D_H)_SD	0.55	0.637	0.649	0.624	0.581	0.672
H2O_SD	67.818	72.394	68.566	73.328	62.638	67.529
d(18_16)_SI	0.001	0.001	0.001	0.001	0	0.001
d(D_H)_SI	-0.002	0.002	0	0.001	0.005	0.001
H2O_SI	1.604	1.732	1.681	1.72	1.524	1.602
ORGANIC_BASE	987.66376	987.47551	987.58585	987.65612	987.32461	987.35944
ORGANIC_MEOH_AMPL	0.0008	0.00082	0.00081	0.00076	0.00088	0.00078
ORGANIC_SLOPE	-36.95136	-36.23041	-37.36399	-36.59057	-37.72126	-36.00359
ORGANIC_CH4CONC	-0.00076	-0.00069	-0.00071	-0.0007	-0.00074	-0.00068
ORGANIC_CM_SHIFT	0.00001	0.00001	0.00001	0.00001	0.00002	0.00001
ORGANIC_STDEV	4.02811	3.8227	4.13857	4.01479	4.17701	3.9162
ORGANIC_Y	1.06883	1.06892	1.06857	1.06808	1.06885	1.06771
ORGANIC_77	5.89665	5.55252	6.10417	5.44879	6.31201	5.14549
ORGANIC_82	-29.69347	-29.72889	-29.47394	-29.3325	-29.56738	-29.11144
ORGANIC_SPLINE MAX	2935.9449	2942.10464	2922.67077	2898.13143	2936.6055	2879.30238
ORGANIC_SQUISH	0.04147	0.04243	0.04162	0.04106	0.04031	0.04115
STANDARD_BASE	995.04888	994.99176	995.15573	994.93816	995.18429	994.67483
STANDARD_STDEV	1.04317	1.03191	1.07007	1.03638	1.04188	1.01873
DAS Temp	38.563	38.563	38.625	38.625	38.625	38.5
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	10	10	10	10	10	10
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Line	295	296	297	298	299	300
Analysis	P-1097	P-1097	P-1097	P-1097	P-1097	P-1097
Time Code	2012/04/28 12:31:25	2012/04/28 12:40:21	2012/04/28 12:49:17	2012/04/28 12:58:14	2012/04/28 13:07:11	2012/04/28 13:16:09
Port	1-12	1-12	1-12	1-12	1-12	1-12
Inj Nr	1	2	3	4	5	6
d(18_16)Mean	-5.884	-5.849	-5.862	-5.793	-5.92	-5.873
d(D_H)Mean	-44.496	-44.742	-44.809	-44.646	-44.833	-44.795
H2O_Mean	21605.014	21783.733	21756.625	21465.782	21562.257	22071.734
Ignore	-1	-1	-1	0	0	0
Good	1	1	1	1	1	1
Identifier 1	S3	S3	S3	S3	S3	S3
Identifier 2	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard	S3 standard
Gas Configuration	H2O	H2O	H2O	H2O	H2O	H2O
Timestamp Mean	1335634015	1335634552	1335635087	1335635623	1335636159	1335636698
d(18_16)_SD	0.156	0.162	0.181	0.188	0.151	0.164
d(D_H)_SD	0.535	0.595	0.533	0.612	0.538	0.591
H2O_SD	69.272	69.075	68.511	65.882	71.544	66.645
d(18_16)_SI	0.001	0.001	0.001	0	0.001	0
d(D_H)_SI	0.003	-0.001	0.002	0.003	-0.001	0.002
H2O_SI	1.608	1.655	1.617	1.59	1.736	1.595
ORGANIC_BASE	987.2089	987.05719	987.06722	986.95103	987.4903	987.31331
ORGANIC_MEOH_AMPL	0.00081	0.00088	0.00085	0.00092	0.00077	0.00089
ORGANIC_SLOPE	-36.46394	-36.57629	-36.68015	-36.91981	-36.05745	-36.87054
ORGANIC_CH4CONC	-0.00068	-0.00066	-0.00065	-0.00067	-0.00067	-0.00066
ORGANIC_CM_SHIFT	0.00002	0.00002	0.00001	0	0.00001	0
ORGANIC_STDEV	4.07369	4.01013	4.0796	3.88894	4.02023	3.91556
ORGANIC_Y	1.06803	1.06848	1.06841	1.06763	1.06791	1.06923
ORGANIC_77	-8.30683	-7.98701	-8.05444	-7.26232	-8.65497	-8.21769
ORGANIC_82	-32.61818	-32.81457	-32.73981	-32.22344	-32.64197	-33.21837
ORGANIC_SPLINEMAX	2894.91605	2918.86132	2915.19634	2876.07691	2889.29703	2957.51258
ORGANIC_SQUISH	0.04469	0.04059	0.04209	0.042	0.04191	0.04216
STANDARD_BASE	994.64618	994.8771	994.81105	994.99421	994.74826	995.25117
STANDARD_STDEV	1.04365	1.04274	1.04054	1.03453	1.02754	1.08134
DAS Temp	38.375	38.438	38.5	38.5	38.5	38.625
Tray	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt	MT1-Frnt
Sample	12	12	12	12	12	12
Job	28	28	28	28	28	28
Method	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN	PiccaroN

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Variable	Instruction	Comment
StandardsFile	standardsFile.csv	
OutputBase	ChemCorrect	
CorrectionType	M	
Timecode	Time Code	
Identifier	Identifier 1	
sample	Sample	
Injection	Inj Nr	Inj Nr
line	Line	
Job	Job	
Variable	**Instruction**	**Comment**
ORGANIC_MEOH_AMP_MEAN	mean_standards(ORGANIC_MEOH_AMPL)	The mean of the methanol amplitudes of the standards.
ORGANIC_MEOH_AMP_STD	std_standards(ORGANIC_MEOH_AMPL)	The standard deviation of the methanol amplitudes of the standards.
ORGANIC_BASE_MEAN	mean_standards(ORGANIC_BASE)	The mean of the organic baseline of the standards.
ORGANIC_BASE_STD	std_standards(ORGANIC_BASE)	The standard deviation of the organic baseline of the standards.
ORGANIC_CH4CONC_MEAN	mean_standards(ORGANIC_CH4CONC)	The mean methane concentration of the standards.
ORGANIC_CH4CONC_STD	std_standards(ORGANIC_CH4CONC)	The standard deviation of the methane concentrations of the standards.
STANDARD_STDEV_MEAN	mean_standards(STANDARD_STDEV)	The mean difference between the measured and modeled spectra of the standards.
STANDARD_STDEV_STD	std_standards(STANDARD_STDEV)	The standard deviation of the difference between measured and modeled spectra of the standards.
ORGANIC_SLOPE_MEAN	mean_standards(ORGANIC_SLOPE)	The mean organic slope of the standards.
ORGANIC_SLOPE_STD	std_standards(ORGANIC_SLOPE)	The standard deviation of the organic slope of the standards.
STANDARD_STDEV_MEAN_ABS	abs(STANDARD_STDEV_MEAN)	The absolute value of the mean difference between the measured and modeled spectra of the standards.
ORGANIC_BASE_MEAN_ABS	abs(ORGANIC_BASE_MEAN)	The absolute value of the mean of the organic baseline of the standards.
ORGANIC_MEOH_AMP_MEAN_ABS	abs(ORGANIC_MEOH_AMP_MEAN)	The absolute value of the mean of the methanol amplitudes of the standards.
ORGANIC_CH4CONC_MEAN_ABS	abs(ORGANIC_CH4CONC_MEAN)	The absolute value of the mean methane concentration of the standards.
ORGANIC_SLOPE_MEAN_ABS	abs(ORGANIC_SLOPE_MEAN)	The absolute value of the mean organic slope of the standards.
STANDARD_STDEV_2SIGMA	evaluation(STANDARD_STDEV_STD*2)	Twice the standard deviation of the difference between measured and modeled spectra of the standards.
STANDARD_STDEV_PLUS_2SIGMA	evaluation(STANDARD_STDEV_MEAN_ABS+STANDARD_STDEV_2SIGMA)	The mean difference between measured and modeled spectra of the standards plus two standard deviation.
STANDARD_STDEV_3SIGMA	evaluation(STANDARD_STDEV_STD*3)	Three times the standard deviation of the difference between measured and modeled spectra of the standards.
STANDARD_STDEV_PLUS_3SIGMA	evaluation(STANDARD_STDEV_MEAN_ABS+STANDARD_STDEV_3SIGMA)	The mean difference between measured and modeled spectra of the standards plus three standard deviation.
STANDARD_STDEV_30PCT	evaluation(STANDARD_STDEV_MEAN*0.3)	30% of the difference between measured and modeled spectra of the standards.
ORGANIC_MEOH_AMP_2SIGMA	evaluation(ORGANIC_MEOH_AMP_STD*2)	Twice the standard deviation of the methanol amplitudes of the standards.
ORGANIC_MEOH_AMP_PLUS_2SIGMA	evaluation(ORGANIC_MEOH_AMP_MEAN_ABS+ORGANIC_MEOH_AMP_2SIGMA)	The mean methanol amplitude of the standards plus two standard deviation.
ORGANIC_MEOH_AMP_3SIGMA	evaluation(ORGANIC_MEOH_AMP_STD*3)	Three times the standard deviation of the methanol amplitudes of the standards.
ORGANIC_MEOH_AMP_PLUS_3SIGMA	evaluation(ORGANIC_MEOH_AMP_MEAN_ABS+ORGANIC_MEOH_AMP_3SIGMA)	The mean methanol amplitude of the standards plus three standard deviation.
ORGANIC_CH4CONC_3SIGMA	evaluation(ORGANIC_CH4CONC_STD*3)	Three times the standard deviation of the methanol amplitudes of the standards.
ORGANIC_CH4CONC_PLUS_3SIGMA	evaluation(ORGANIC_CH4CONC_MEAN_ABS+ORGANIC_CH4CONC_3SIGMA)	The mean methanol amplitude of the standards plus three standard deviation.
HALF	float(0.5)	A fixed value of 0.5 or half.
ORGANIC_BASE_HALFSIGMA	evaluation(ORGANIC_BASE_STD*HALF)	Half the standard deviation of the organic baseline of the standards.
ORGANIC_BASE_PLUS_HALFSIGMA	evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_HALFSIGMA)	The absolute value of the mean organic baseline of the standards plus one-half standard deviation.
ORGANIC_BASE_PLUS_1SIGMA	evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_STD)	The absolute value of the mean organic baseline of the standards plus one standard deviation.
ORGANIC_BASE_3SIGMA	evaluation(ORGANIC_BASE_STD*3)	Three times the standard deviation of the organic base of the standards.
ORGANIC_BASE_PLUS_3SIGMA	evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_3SIGMA)	The absolute value of the mean organic baseline of the standards plus three standard deviation.
ORGANIC_BASE_18SIGMA	evaluation(ORGANIC_BASE_STD*18)	Eighteen times the standard deviation of the organic base of the standards.
ORGANIC_BASE_PLUS_18SIGMA	evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_18SIGMA)	The absolute value of the mean organic baseline of the standards plus eighteen standard deviation.
ORGANIC_SLOPE_3SIGMA	evaluation(ORGANIC_SLOPE_STD*3)	Three times the standard deviation of the organic slope of the standards.
ORGANIC_SLOPE_PLUS_3SIGMA	evaluation(ORGANIC_SLOPE_MEAN_ABS+ORGANIC_SLOPE_3SIGMA)	The absolute value of the mean organic slope of the standards plus three standard deviation.
TRUE	evaluation(1>0)	
FALSE	evaluation(1<0)	
PROC_DELTA_18_16O_CALIBRATE	fit_type1(d(18_16)Mean)	Linear fit run on the uncalibrated d18O value in order to calibrate it.
PROC_DELTA_DH_CALIBRATE	fit_type1(d(D_H)Mean)	Linear fit run on the uncalibrated dD value in order to calibrate it.
Variable	**Instruction**	**Comment**
IS_STANDARD	is_standard_sample()	Standard recognition.
IS_NOT_STANDARD	bool_xor(IS_STANDARD,TRUE)	
SAMP_STANDARD_STDEV_MEAN	mean_all(STANDARD_STDEV)	The mean difference between the measured spectra of a sample and the modeled spectra of the standard.
SAMP_STANDARD_STDEV_STD	std_all(STANDARD_STDEV)	One standard deviation of the mean difference between the measured spectra of a sample and the modeled spectra of the standard.
SAMP_ORGANIC_MEOH_AMP_MEAN	mean_all(ORGANIC_MEOH_AMP)	The mean methanol amplitude of a sample.
SAMP_ORGANIC_MEOH_AMP_STD	std_all(ORGANIC_MEOH_AMPL)	One standard deviation of the methanol amplitudes of a sample.
SAMP_ORGANIC_CH4CONC_MEAN	mean_all(ORGANIC_CH4CONC)	The mean methane concentration of a sample.
SAMP_ORGANIC_CH4CONC_STD	std_all(ORGANIC_CH4CONC)	The standard deviation of the methane concentrations of a sample.
SAMP_ORGANIC_BASE_MEAN	mean_all(ORGANIC_BASE)	The mean of the organic baseline of a sample.
SAMP_ORGANIC_BASE_STD	std_all(ORGANIC_BASE)	The standard deviation of the organic baseline of a sample.
SAMP_ORGANIC_SLOPE_MEAN	mean_all(ORGANIC_SLOPE)	The mean organic slope of a sample.
SAMP_ORGANIC_SLOPE_STD	std_all(ORGANIC_SLOPE)	The standard deviation of the organic slope of a sample.
SAMP_STANDARD_STDEV_MEAN_ABS	abs(SAMP_STANDARD_STDEV_MEAN)	Absolute value of the mean difference between the measured spectra of a sample and the modeled spectra of the standard.
SAMP_ORGANIC_MEOH_AMP_MEAN_ABS	abs(SAMP_ORGANIC_MEOH_AMP_MEAN)	Absolute value of the mean methanol amplitude of a sample.
SAMP_ORGANIC_CH4CONC_MEAN_ABS	abs(SAMP_ORGANIC_CH4CONC_MEAN)	Absolute value of the mean methane concentration of a sample.
SAMP_ORGANIC_BASE_MEAN_ABS	abs(SAMP_ORGANIC_BASE_MEAN)	Absolute value of the mean organic baseline of a sample.
SAMP_ORGANIC_SLOPE_MEAN_ABS	abs(SAMP_ORGANIC_SLOPE_MEAN)	Absolute value of the mean organic slope of a sample.
SAMP_STANDARD_STDEV_DIFFERENTIAL	evaluation(SAMP_STANDARD_STDEV_MEAN-STANDARD_STDEV_MEAN)	
SAMP_STANDARD_STDEV_DIFFERENTIAL_ABS	abs(SAMP_STANDARD_STDEV_DIFFERENTIAL)	Absolute value of the difference between the mean of the sample residual and the mean of all standards residuals
SAMP_STANDARD_STDEV_DIFFERENTIAL_PCT	evaluation((SAMP_STANDARD_STDEV_DIFFERENTIAL_ABS/STANDARD_STDEV_MEAN)*100)	
SAMP_STD_DELTA_18_16O_CURR_MEAN	current_standards_mean(d(18_16)Mean)	The d18O mean of the last run standard.
SAMP_STD_DELTA_DH_CURR_MEAN	current_standards_mean(d(D_H)Mean)	The dD mean of the last run standard.
known_dD	known_standard(d(D_H)Mean)	The dD value of the known Standard.
known_d18O	known_standard(d(18_16)Mean)	The d18O value of the known Standard.
d18O_mean	mean_all(d(18_16)Mean)	Mean of all d18O means.
dD_mean	mean_all(d(D_H)Mean)	Mean of all dD means.
d18O_stdev	std_all(d(18_16)Mean)	Standard deviation of all d18O means.
dD_stdev	std_all(d(D_H)Mean)	Standard deviation of all dD means.
measured_d18O_mean	mean_all(d(18_16)Mean)	Mean of all d18O means.
measured_dD_mean	mean_all(d(D_H)Mean)	Mean of all dD means.
measured_d18O_stdev	std_all(d(18_16)Mean)	Standard deviation of all d18O means.
measured_dD_stdev	std_all(d(D_H)Mean)	Standard deviation of all dD means.
SAMP_DELTA_18_16O_CALIBRATE	fit_type1(d(18_16)Mean)	Linear fit run on the mean uncalibrated d18O value in order to calibrate it.
SAMP_DELTA_DH_CALIBRATE	fit_type1(d(D_H)Mean)	Linear fit run on the mean uncalibrated dD value in order to calibrate it.
SAMP_TEST_VALUE	evaluation(ORGANIC_BASE_MEAN-SAMP_STANDARD_STDEV_MEAN)	
STANDARD_STDEV_GT_3SIGMA	evaluation(SAMP_STANDARD_STDEV_MEAN_ABS>STANDARD_STDEV_PLUS_3SIGMA)	Threshold of red trigger. If the mean difference between the measured spectra of the sample and the modeled spectra of the standard is greater than that of the mean difference of the standard plus three standard deviations, this will trigger.

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STANDARD_STDEV_GE_2SIGMA	evaluation(SAMP_STANDARD_STDEV_MEAN_ABS>=STANDARD_STDEV_PLUS_2SIGMA)	Threshold of yellow trigger. If the mean difference of the measured spectra of the sample and the modeled spectra is greater than or equal to the mean difference of that of the standard, this is triggered.						
STANDARD_STDEV_GT_30PCT	evaluation(SAMP_STANDARD_STDEV_DIFFERENTIAL_ABS>STANDARD_STDEV_30PCT)							
ORGANIC_MEOH_AMP_GE_2SIGMA	evaluation(SAMP_ORGANIC_MEOH_AMP_MEAN_ABS>=ORGANIC_MEOH_AMP_PLUS_2SIGMA)	True if the mean methanol amplitude of the sample is greater than or equal to that of the standard plus two standard deviations, otherwise false. Used in later step as a trifler for methanol flag.						
ORGANIC_MEOH_AMP_GE_3SIGMA	evaluation(SAMP_ORGANIC_MEOH_AMP_MEAN_ABS>=ORGANIC_MEOH_AMP_PLUS_3SIGMA)	True if the mean methanol amplitude of the sample is greater than or equal to that of the standard plus three standard deviations, otherwise false. Used in later step as a trifler for methanol flag.						
ORGANIC_CH4CONC_GE_3SIGMA	evaluation(SAMP_ORGANIC_CH4CONC_MEAN_ABS>=ORGANIC_CH4CONC_PLUS_3SIGMA)	True if the mean methane concentration of the sample is greater than or equal to that of the standard plus three standard deviations, otherwise false.						
ORGANIC_BASE_GT_1SIGMA	evaluation(SAMP_ORGANIC_BASE_MEAN_ABS>ORGANIC_BASE_PLUS_1SIGMA)	True if the mean organic baseline of the sample is greater than that of the standard plus one standard deviation, otherwise false.						
ORGANIC_BASE_GT_3SIGMA	evaluation(SAMP_ORGANIC_BASE_MEAN_ABS>ORGANIC_BASE_PLUS_3SIGMA)	True if the mean organic baseline of the sample is greater than that of the standard plus three standard deviation, otherwise false. Sets yellow trigger for "other", trigger threshold is approximately sample to sample dD precision specification						
ORGANIC_BASE_GT_18SIGMA	evaluation(SAMP_ORGANIC_BASE_MEAN_ABS>ORGANIC_BASE_PLUS_18SIGMA)	True if the mean organic baseline of the sample is greater than that of the standard plus eighteen standard deviation, otherwise false. Sets red trigger for "other", trigger threshold is approximately 24 hour dD drift specification						
ORGANIC_SLOPE_GT_3SIGMA	evaluation(SAMP_ORGANIC_SLOPE_MEAN_ABS>ORGANIC_SLOPE_PLUS_3SIGMA)	True if the mean organic slope of the sample is greater than that of the standard plus three standard deviations, otherwise false.						
RED	truth_evaluation(((IS_NOT_STANDARD and STANDARD_STDEV_GT_30PCT) or (IS_NOT_STANDARD and ORGANIC_MEOH_AMP_GE_3SIGMA) or (IS_NOT_STANDARD and ORGANIC_BASE_GT_18SIGMA))	Red trigger. If the sample is not a standard and the threshold is triggered (measured-modeled > standard+3stdev) then RED.						
NOT_RED	bool_xor(RED,TRUE)	If the sample is determined to be "red" than it can not be "not red."						
YELLOW	truth_evaluation(((IS_NOT_STANDARD and NOT_RED) and (ORGANIC_MEOH_AMP_GE_2SIGMA or ORGANIC_CH4CONC_GE_3SIGMA or ORGANIC_BASE_GT_3SIGMA or ORGANIC_SLOPE_GT_3SIGMA))	Truth evaluation used to determine whether or not a given sample is yellow.						
NOT_YELLOW	bool_xor(YELLOW,TRUE)	If sample is determined to be "yellow" than it can not be "not yellow."						
GREEN	truth_evaluation((IS_NOT_STANDARD and NOT_RED and NOT_YELLOW))	This is the pre-requisite for a sample to be colored green. It must not be a standard, must not be yellow, and must not be red.						
NOT_GREEN	bool_xor(GREEN,TRUE)	Pre-requisite for being "not-green."						
CYAN	truth_evaluation((IS_STANDARD))	This is the pre-requisite for a sample to be a standard and therefore cyan colored.						
NOT_CYAN	bool_xor(CYAN,TRUE)	Pre-requisite for being not a standard.						
METHANOL	truth_evaluation(((RED or YELLOW) and ORGANIC_MEOH_AMP_GE_2SIGMA))	This is the threshold for amounts of methanol being included in the main ChemCorrect spreadsheet. Methanol will only be reported to be present if the amount is significant enough to affect the measured d18O and dD values of the water. This line states that the sample must be tagged either red or yellow and the measured methanol amplitude must be greater than or equal to that of the standard plus two standard deviations.						
METHANE	truth_evaluation(((RED or YELLOW) and ORGANIC_CH4CONC_GE_3SIGMA))	This is the threshold for amounts of methane being included in the main ChemCorrect spreadsheet. Methane will only be reported to be present if the amount is significant enough to affect the measured d18O and dD values of the water. This line states that the sample must be tagged either red or yellow and the measured methane concentration must be greater than or equal to that of the standard plus three standard deviations.						
OTHER1	truth_evaluation(((RED or YELLOW) and ORGANIC_BASE_GT_1SIGMA))	This is the threshold for amounts of "OTHER1" being included in the main ChemCorrect spreadsheet. This column (OTHER1) will only be reported to be present if the amount is significant enough to affect the measured d18O and dD values of the water. This line states that the sample must be tagged either red or yellow and the measured organic baseline must be greater than that of the standard plus one standard deviation.						
OTHER2	truth_evaluation(((RED or YELLOW) and ORGANIC_SLOPE_GT_3SIGMA))	This is the threshold for amounts of "OTHER2" being included in the main ChemCorrect spreadsheet. This column (OTHER2) will only be reported to be present if the amount is significant enough to affect the measured d18O and dD values of the water. This line states that the sample must be tagged either red or yellow and the measured organic slope must be greater than that of the standard plus three standard deviations.						
OTHER3	truth_evaluation(((RED or YELLOW) and STANDARD_STDEV_GT_30PCT))							
ORGANIC_BASE_DIFF	math_evaluation((SAMP_ORGANIC_BASE_MEAN-ORGANIC_BASE_MEAN))	Organic baseline differential showing the difference between the measured baseline and the standard baseline.						
Variable	**Instruction**	**Comment**						
DTL_TEST	math_evaluation((1+2))	Test evaluation of 1+2 being equal to 3.						
Variable	**Instruction**	**Print?**	**Label**	**Red?**	**Yellow?**	**Green?**	**Cyan?**	**Comment**
A	sample	TRUE	Sample	FALSE	FALSE	FALSE	FALSE	Testing Sample
B	identifier	TRUE	Name	RED	YELLOW	GREEN	CYAN	Testing Name
C	SAMP_DELTA_18_16O_CALIBRATE	TRUE	Calibrated d¹⁸O Mean	RED	YELLOW	GREEN	CYAN	Testing 18 16 Mean
D	SAMP_DELTA_DH_CALIBRATE	TRUE	Calibrated d²H Mean	RED	YELLOW	GREEN	CYAN	This is a test to see that I can use tool tips
E	SAMP_ORGANIC_MEOH_AMP_MEAN	METHANOL	CH₃OH	RED	YELLOW	FALSE	FALSE	
F	SAMP_ORGANIC_CH4CONC_MEAN	METHANE	CH₄	RED	YELLOW	FALSE	FALSE	
G	ORGANIC_BASE_DIFF	OTHER1	C₂₊ alcohols	RED	YELLOW	FALSE	FALSE	
H	SAMP_ORGANIC_SLOPE_MEAN	OTHER2	slope	RED	YELLOW	FALSE	FALSE	
I	SAMP_STANDARD_STDEV_DIFFERENTIAL_PCT	OTHER3	relative %deviation	RED	YELLOW	FALSE	FALSE	
Variable	**Instruction**	**Print?**	**Label**	**Red?**	**Yellow?**	**Green?**	**Cyan?**	**Comment**
A	sample	TRUE	Sample					
B	identifier	TRUE	Name					
C	col(d(18_16)Mean)	TRUE	Measured d(18_16) Mean					
D	col(d(D_H)Mean)	TRUE	Measured d(D_H) Mean					
E	DTL_DELTA_18_16O_CALIBRATE	TRUE	Calibrated d(18_16) Mean					
F	DTL_DELTA_DH_CALIBRATE	TRUE	Calibrated d(D_H) Mean					
G	col(ORGANIC_MEOH_AMPL)	METHANOL	CH₃OH					
H	col(ORGANIC_CH4CONC)	METHANE	CH₄					
I	col(ORGANIC_BASE)	OTHER1	Other					
J	col(Time Code)	TRUE	Time Code					
K	col(ORGANIC_77)	TRUE	77					
L	col(ORGANIC_82)	TRUE	82					
M	col(ORGANIC_SPLINEMAX)	TRUE	Splinemax					
Variable	**Instruction**	**Print?**	**Label**	**Red?**	**Yellow?**	**Green?**	**Cyan?**	**Comment**
A	d18O_mean	TRUE	d(18_16) Mean	RED	YELLOW	GREEN	CYAN	
B	dD_mean	TRUE	d(D_H) Mean	RED	YELLOW	GREEN	CYAN	
C	XY_X(d18O_mean) XY_Y(dD_mean)	TRUE	d18Ox dD	gmwl	best fit			

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ChemCorrect(tm) - Mon, Apr 30, 2012, 10:35:05		
Process Variables		
Variable	**Value**	**Operations**
ORGANIC_MEOH_AMP_MEAN	0.000785	
		varray: [0.00083000000000000001, 0.00088999999999999 9995, 0.00093000000000000005, 0.00081999999999999998, 0.00089999999999999998, 0.00095, 0.00064999999999999997, 0.00052999999999999998, 0.00056999999999999998, 0.00092000000000000003, 0.00075000000000000002, 0.00088000000000000003, 0.00084999999999999995, 0.00084999999999999995, 0.00084999999999999995, 0.00063000000000000003, 0.00062, 0.00071000000000000 0002]
		inst: mean_standards
		operation: mean_standards(ORGANIC_MEOH_AMPL)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_MEOH_AMPL
ORGANIC_MEOH_AMP_STD	0.000133559856597	
		varray: [0.00083000000000000001, 0.00088999999999999 9995, 0.00093000000000000005, 0.00081999999999999998, 0.00089999999999999998, 0.00095, 0.00064999999999999997, 0.00052999999999999998, 0.00056999999999999998, 0.00092000000000000003, 0.00075000000000000002, 0.00088000000000000003, 0.00084999999999999995, 0.00084999999999999995, 0.00084999999999999995, 0.00063000000000000003, 0.00062, 0.00071000000000000 0002]
		inst: std_standards
		operation: std_standards(ORGANIC_MEOH_AMPL)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_MEOH_AMPL
ORGANIC_BASE_MEAN	987.609863889	
		varray: [986.89422000000002, 986.70353999999998, 986.54160000000002, 986.89320999999995, 986.95309999999995, 986.39962000000003, 988.7459700 0000006, 989.49801000000002, 989.19173000000001, 986.63499999999999, 987.7083099 9999998, 986.59362999999996, 987.28773000000001, 987.08847000000003, 987.1969800 0000005, 989.06092999999998, 989.09848, 988.48702000000003]
		inst: mean_standards
		operation: mean_standards(ORGANIC_BASE)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_BASE
ORGANIC_BASE_STD	1.08118570864	
		varray: [986.89422000000002, 986.70353999999998, 986.54160000000002, 986.89320999999995, 986.95309999999995, 986.39962000000003, 988.7459700 0000006, 989.49801000000002, 989.19173000000001, 986.63499999999999, 987.7083099 9999998, 986.59362999999996, 987.28773000000001, 987.08847000000003, 987.1969800 0000005, 989.06092999999998, 989.09848, 988.48702000000003]
		inst: std_standards
		operation: std_standards(ORGANIC_BASE)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_BASE
ORGANIC_CH4CONC_MEAN	-0.000732777777778	
		varray: [-0.00068000000000000005, -0.00067000000000 000002, -0.00068000000000000005, -0.00068999999999999997, -0.00068000000000000005, -0.00064999999999999997, -0.00084000000000000003, -0.00089999999999999998, -0.00084999999999999995, -0.00063000000000000003, -0.00075000000000000002, -0.00067000000000000002, -0.00067000000000000002, -0.00067000000000000002, -0.00069999999999999999, -0.00083000000000000001, -0.00084000000000000003, -0.00079000000000000001]
		inst: mean_standards
		operation: mean_standards(ORGANIC_CH4CONC)

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		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_CH4CONC
ORGANIC_CH4CONC_STD	8.4769969402e-005	
		varray: [-0.00068000000000000005, -0.00067000000000000002, -0.00068000000000000005, -0.00068999999999999997, -0.00068000000000000005, -0.00064999999999999997, -0.00084000000000000003, -0.00089999999999999998, -0.00084999999999999995, -0.00063000000000000003, -0.00075000000000000002, -0.00067000000000000002, -0.00067000000000000002, -0.00067000000000000002, -0.00069999999999999999, -0.00083000000000000001, -0.00084000000000000003, -0.00079000000000000001]
		inst: std_standards
		operation: std_standards(ORGANIC_CH4CONC)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_CH4CONC
STANDARD_STDEV_MEAN	1.12539944444	
		varray: [1.34985, 1.3547199999999999, 1.33698000000000001, 1.1165700000000001, 1.1515299999999999, 1.14272, 0.89034000000000002, 0.89927000000000001, 0.89244999999999997, 1.34449, 1.35623, 1.3009599999999999, 1.15974, 1.1059099999999999, 1.1266, 0.90593000000000001, 0.92174, 0.90115999999999996]
		inst: mean_standards
		operation: mean_standards(STANDARD_STDEV)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: STANDARD_STDEV
STANDARD_STDEV_STD	0.185192871305	
		varray: [1.34985, 1.3547199999999999, 1.33698000000000001, 1.1165700000000001, 1.1515299999999999, 1.14272, 0.89034000000000002, 0.89927000000000001, 0.89244999999999997, 1.34449, 1.35623, 1.3009599999999999, 1.15974, 1.1059099999999999, 1.1266, 0.90593000000000001, 0.92174, 0.90115999999999996]
		inst: std_standards
		operation: std_standards(STANDARD_STDEV)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: STANDARD_STDEV
ORGANIC_SLOPE_MEAN	-37.6710144444	
		varray: [-40.793230000000001, -40.947969999999998, -41.139940000000003, -38.050980000000003, -39.303100000000001, -38.128489999999999, -33.095469999999999, -34.024720000000002, -33.658830000000002, -41.002699999999997, -42.199469999999998, -40.527320000000003, -38.863579999999999, -37.795720000000003, -38.76878, -33.245289999999997, -33.17803, -33.354640000000003]
		inst: mean_standards
		operation: mean_standards(ORGANIC_SLOPE)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_SLOPE
ORGANIC_SLOPE_STD	3.31378204778	
		varray: [-40.793230000000001, -40.947969999999998, -41.139940000000003, -38.050980000000003, -39.303100000000001, -38.128489999999999, -33.095469999999999, -34.024720000000002, -33.658830000000002, -41.002699999999997, -42.199469999999998, -40.527320000000003, -38.863579999999999, -37.795720000000003, -38.76878, -33.245289999999997, -33.17803, -33.354640000000003]
		inst: std_standards
		operation: std_standards(ORGANIC_SLOPE)
		tarray: [17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0]
		source_col: ORGANIC_SLOPE
STANDARD_STDEV_MEAN_ABS	1.12539944444	
		operation: abs(STANDARD_STDEV_MEAN)
		inst: abs

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		source_col: STANDARD_STDEV_MEAN
ORGANIC_BASE_MEAN_ABS	987.609863889	
		operation: abs(ORGANIC_BASE_MEAN)
		inst: abs
		source_col: ORGANIC_BASE_MEAN
ORGANIC_MEOH_AMP_MEAN_ABS	0.000785	
		operation: abs(ORGANIC_MEOH_AMP_MEAN)
		inst: abs
		source_col: ORGANIC_MEOH_AMP_MEAN
ORGANIC_CH4CONC_MEAN_ABS	0.000732777777778	
		operation: abs(ORGANIC_CH4CONC_MEAN)
		inst: abs
		source_col: ORGANIC_CH4CONC_MEAN
ORGANIC_SLOPE_MEAN_ABS	37.6710144444	
		operation: abs(ORGANIC_SLOPE_MEAN)
		inst: abs
		source_col: ORGANIC_SLOPE_MEAN
STANDARD_STDEV_2SIGMA	0.370385742609	
		operation: evaluation(STANDARD_STDEV_STD*2)
		inst: evaluation
		factors: STANDARD_STDEV_STD*2
STANDARD_STDEV_PLUS_2SIGMA	1.49578518705	
		operation: evaluation(STANDARD_STDEV_MEAN_ABS+STAND ARD_STDEV_2SIGMA)
		inst: evaluation
		factors: STANDARD_STDEV_MEAN_ABS+STANDARD_STDEV_2SI GMA
STANDARD_STDEV_3SIGMA	0.555578613914	
		operation: evaluation(STANDARD_STDEV_STD*3)
		inst: evaluation
		factors: STANDARD_STDEV_STD*3
STANDARD_STDEV_PLUS_3SIGMA	1.68097805836	
		operation: evaluation(STANDARD_STDEV_MEAN_ABS+STAND ARD_STDEV_3SIGMA)
		inst: evaluation
		factors: STANDARD_STDEV_MEAN_ABS+STANDARD_STDEV_3SI GMA
STANDARD_STDEV_30PCT	0.337619833333	
		operation: evaluation(STANDARD_STDEV_MEAN*0.3)
		inst: evaluation
		factors: STANDARD_STDEV_MEAN*0.3
ORGANIC_MEOH_AMP_2SIGMA	0.000267119713193	
		operation: evaluation(ORGANIC_MEOH_AMP_STD*2)
		inst: evaluation
		factors: ORGANIC_MEOH_AMP_STD*2
ORGANIC_MEOH_AMP_PLUS_2SIGMA	0.00105211971319	
		operation: evaluation(ORGANIC_MEOH_AMP_MEAN_ABS+ORG ANIC_MEOH_AMP_2SIGMA)
		inst: evaluation
		factors: ORGANIC_MEOH_AMP_MEAN_ABS+ORGANIC_MEOH_AMP _2SIGMA
ORGANIC_MEOH_AMP_3SIGMA	0.00040067956979	
		operation: evaluation(ORGANIC_MEOH_AMP_STD*3)
		inst: evaluation
		factors: ORGANIC_MEOH_AMP_STD*3
ORGANIC_MEOH_AMP_PLUS_3SIGMA	0.00118567956979	
		operation: evaluation(ORGANIC_MEOH_AMP_MEAN_ABS+ORG ANIC_MEOH_AMP_3SIGMA)
		inst: evaluation
		factors: ORGANIC_MEOH_AMP_MEAN_ABS+ORGANIC_MEOH_AMP _3SIGMA
ORGANIC_CH4CONC_3SIGMA	0.000254309908206	
		operation: evaluation(ORGANIC_CH4CONC_STD*3)
		inst: evaluation
		factors: ORGANIC_CH4CONC_STD*3
ORGANIC_CH4CONC_PLUS_3SIGMA	0.000987087685984	
		operation: evaluation(ORGANIC_CH4CONC_MEAN_ABS+ORGA NIC_CH4CONC_3SIGMA)
		inst: evaluation

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		factors: ORGANIC_CH4CONC_MEAN_ABS+ORGANIC_CH4CONC_3_SIGMA
HALF	0.5	
		operation: float(0.5)
		inst: float
ORGANIC_BASE_HALFSIGMA	0.540592854322	
		operation: evaluation(ORGANIC_BASE_STD*HALF)
		inst: evaluation
		factors: ORGANIC_BASE_STD*HALF
ORGANIC_BASE_PLUS_HALFSIGMA	988.150456743	
		operation: evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_HALFSIGMA)
		inst: evaluation
		factors: ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_HALFSIGMA
ORGANIC_BASE_PLUS_1SIGMA	988.691049598	
		operation: evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_STD)
		inst: evaluation
		factors: ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_STD
ORGANIC_BASE_3SIGMA	3.24355712593	
		operation: evaluation(ORGANIC_BASE_STD*3)
		inst: evaluation
		factors: ORGANIC_BASE_STD*3
ORGANIC_BASE_PLUS_3SIGMA	990.853421015	
		operation: evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_3SIGMA)
		inst: evaluation
		factors: ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_3SIGMA
ORGANIC_BASE_18SIGMA	19.4613427556	
		operation: evaluation(ORGANIC_BASE_STD*18)
		inst: evaluation
		factors: ORGANIC_BASE_STD*18
ORGANIC_BASE_PLUS_18SIGMA	1007.07120664	
		operation: evaluation(ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_18SIGMA)
		inst: evaluation
		factors: ORGANIC_BASE_MEAN_ABS+ORGANIC_BASE_18SIGMA
ORGANIC_SLOPE_3SIGMA	9.94134614335	
		operation: evaluation(ORGANIC_SLOPE_STD*3)
		inst: evaluation
		factors: ORGANIC_SLOPE_STD*3
ORGANIC_SLOPE_PLUS_3SIGMA	47.6123605878	
		operation: evaluation(ORGANIC_SLOPE_MEAN_ABS+ORGANIC_SLOPE_3SIGMA)
		inst: evaluation
		factors: ORGANIC_SLOPE_MEAN_ABS+ORGANIC_SLOPE_3SIGMA
TRUE	True	
		operation: evaluation(1>0)
		inst: evaluation
		factors: 1>0
FALSE	False	
		operation: evaluation(1<0)
		inst: evaluation
		factors: 1<0
PROC_DELTA_18_16O_CALIBRATE	-10.3361299432	
		actual_array: [-15.1 -34.93 16.28]

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		varray: [-3.46, -3.5910000000000002, -3.54700000000 00002, -3.5830000000000002, -3.4750000000000001, -3.5030000000000001, -3.387, -3.367, -3.472, -3.3759999999999999, -3.3450000000000002, -3.1880000000000002, -3.2869999999999999, -3.3700000 000000001, -3.423, -33.689, -33.695999999999998, -33.720999999999997, -13.756, -13.628, -13.750999999 999999, 17.960999999999999, 18.050999999999998, 17.954000000000001, -3.1080000000000001, -3.1819999 999999999, -3.3050000000000002, -3.2570000000000001, -3.2959999999999998, -3.3250000 000000002, -5.7619999999999996, -5.7560000000000002, -5.6609999999999996, -11.358000 000000001, -11.404999999999999, -11.401999999999999, -11.375999999999999, -11.384, -11.406000000000001, -11.529999999999999, -11.473000000000001, -11.32, -12.747, -12.7650000000 00001, -12.82, -11.641, -11.630000000000001, -11.585000000000001, -11.545999999999999, -11.643000 000000001, -11.513999999999999, -11.433, -11.429, -11.441000000000001, -11.177, -11.210000000000001, -11.300000000000001, -12.007999999999999, -12.19, -12.035, -12.867000000000001, -12.779, -12.726000000 000001, -11.794, -11.766, -11.819000000000001, -11.904, -11.864000000000001, -11.837, -11.862, -11.914, -11.888999999999999, -11.949999999999999, -
		fit_rsq: 0.999999678997
		fit_intercept: 1.54809912073
		measure_array: [-13.71166667 -33.702 17.98866 667]
		inst: fit_type1
		actual_mean: -8.88581746032
		operation: fit_type1(d(18_16)Mean)
		fit_slope: 1.00946066258
		tarray: [1719.0, 2242.0, 2765.0, 3287.0, 3810.0, 4333.0, 4856.0, 5380.0, 5904.0, 8001.0, 8525.0, 9049.0, 11144.0, 11669.0, 12193.0, 17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 33178.0, 33704.0, 34229.0, 36333.0, 36859.0, 37386.0, 42647.0, 43174.0, 43700.0, 45806.0, 46332.0, 46858.0, 48965.0, 49493.0, 50020.0, 52127.0, 52654.0, 53180.0, 55288.0, 55815.0, 56342.0, 58450.0, 58977.0, 59505.0, 61615.0, 62142.0, 62670.0, 64779.0, 65308.0, 65837.0, 67948.0, 68476.0, 69003.0, 71117.0, 71645.0, 72173.0, 74289.0, 74818.0, 75347.0, 77464.0, 77995.0, 78525.0, 80644.0, 81174.0, 81703.0, 83821.0, 84351.0, 84881.0, 87003.0, 87532.0, 88063.0, 90183.0, 90713.0, 91243.0, 93367.0, 93897.0, 94427.0, 96549.0, 97081.0, 97611.0, 99735.0, 100266.0, 100797.0, 102921.0, 103453.0, 103984.0, 106110.0, 106642.0, 107173.0, 109303.0, 109834.0, 110367.0, 112495.0, 113027.0, 113560.0, 118889.0, 119423.0, 119955.0, 122088.0, 122622.0, 123157.0, 125290.0, 125824.0, 126358.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0, 147750.0, 148286.0, 148822.0, 150966.0, 151503.0, 152039.0, 157402.0, 157939.0, 158477.0]
		source_col: d(18_16)Mean
PROC_DELTA_DH_CALIBRATE	-73.8689813388	
		actual_array: [-76.5 -122.44 97.88]
		varray: [-26.558, -26.286999999999999, -26.029, -25.925999999999998, -26.053000000000001, -25.968, -25.882000000000001, -25.891999999999999, -25.812999 999999999, -25.969999999999999, -25.853999999999999, -26.111999999999998, -25.827000 000000002, -25.802, -25.634, -122.82299999999999, -122.88800000000001, -122.867, -75.641000000000005, -75.674999999999997, -75.658000000000001, 101.80200000000001, 101.88500000000001, 101.907, -24.667999999999999, -24.876000000000001, -24.812000000000001, -25.155999999999999, -25.27, -25.268000000000001, -44.835000000000001, -44.932000000000002, -44.875, -107.863, -107.995, -108.041, -108.35299999999999, -108.318, -108.44499999999999, -108.46599999999999, -108.506, -108.449, -116.31100000000001, -116.416, -116.581999999999999, -111.104, -110.96299999999999, -111.004, -111.128, -111.04000000000001, -110.98099999999999, -110.98399999999999, -111.02, -111.02, -100.235, -100.361, -100.352, -113.331, -113.224999999999999, -113.271, -116.925, -116.92, -117.021, -113.289, -113.09399999999999, -113.15600000000001, -112.986, -113.16200000000001, -113.158, -113.205, -113.063, -113.042, -113.092, -113.129, -113.126, -112.95399999999999, -112.974, -113.01300000000001, -113.18899999999999, -113.259, -
		fit_rsq: 0.99999749064
		fit_intercept: 2.12416742415
		measure_array: [-75.658 -122.85933333 101.86 466667]
		inst: fit_type1
		actual_mean: -73.1812380952
		operation: fit_type1(d(D_H)Mean)
		fit_slope: 1.01944556639

		tarray: [1719.0, 2242.0, 2765.0, 3287.0, 3810.0, 4333.0, 4856.0, 5380.0, 5904.0, 8001.0, 8525.0, 9049.0, 11144.0, 11669.0, 12193.0, 17437.0, 17962.0, 18486.0, 23727.0, 24251.0, 24776.0, 30025.0, 30551.0, 31076.0, 33178.0, 33704.0, 34229.0, 36333.0, 36859.0, 37386.0, 42647.0, 43174.0, 43700.0, 45806.0, 46332.0, 46858.0, 48965.0, 49493.0, 50020.0, 52127.0, 52654.0, 53180.0, 55288.0, 55815.0, 56342.0, 58450.0, 58977.0, 59505.0, 61615.0, 62142.0, 62670.0, 64779.0, 65308.0, 65837.0, 67948.0, 68476.0, 69003.0, 71117.0, 71645.0, 72173.0, 74289.0, 74818.0, 75347.0, 77464.0, 77995.0, 78525.0, 80644.0, 81174.0, 81703.0, 83821.0, 84351.0, 84881.0, 87003.0, 87532.0, 88063.0, 90183.0, 90713.0, 91243.0, 93367.0, 93897.0, 94427.0, 96549.0, 97081.0, 97611.0, 99735.0, 100266.0, 100797.0, 102921.0, 103453.0, 103984.0, 106110.0, 106642.0, 107173.0, 109303.0, 109834.0, 110367.0, 112495.0, 113027.0, 113560.0, 118889.0, 119423.0, 119955.0, 122088.0, 122622.0, 123157.0, 125290.0, 125824.0, 126358.0, 131698.0, 132232.0, 132766.0, 138117.0, 138651.0, 139186.0, 144535.0, 145071.0, 145608.0, 147750.0, 148286.0, 148822.0, 150966.0, 151503.0, 152039.0, 157402.0, 157939.0, 158477.0]
		source_col: d(D_H)Mean

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