

A12
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Cal. Curve ID: TOC WATER 0-20PPM
Created: 2017/04/21 14:14
Calibration Factor (m): 1.182e+05
Y Intercept (b): -1371
r-squared: 0.99908

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
0.0PPM	18571	0.000	0.169		2017/04/20 17:20
0.5PPM	25501	0.250	0.227		2017/04/20 17:48
1.0PPM	49432	0.500	0.430		2017/04/20 18:01
2.0PPM	98032	1.000	0.841		2017/04/20 18:14
5.0PPM	295574	2.500	2.511		2017/04/20 18:28
10.0PPM	602845	5.000	5.110		2017/04/20 18:42
20.0PPM	1176513	10.000	9.962		2017/04/20 18:57

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Sample ID	Result	Std. Dev.	RSD	Mode	ALT
0.0PPM	18571			TOC	
0.5PPM	25501			TOC	
1.0PPM	49432			TOC	
2.0PPM.....	98032...	..	...	TOC	..
5.0PPM	295574			TOC	
10.0PPM	602845			TOC	
20.0PPM.....	1176513...	..	...	TOC	..
ICV	10.3880			TOC	
ICB	0.1774			TOC	
CCV.....	10.4876...	..	...	TOC	..
CCB	0.0672			TOC	
LB86999BLW	0.0596	0.0349	58.66	TOC	
LB86999BSW.....	10.5966...	0.0698..	0.66...	TOC	..
I2710-15	2.0140	0.0990	4.92	TOC	
I2710-17	3.0883	0.0314	1.02	TOC	
I2710-18.....	2.0452...	0.0693..	3.39...	TOC	..
I2710-19	3.0180	0.0826	2.74	TOC	
I2710-20	2.8662	0.0614	2.14	TOC	
I2710-21.....	4.0389...	0.0830..	2.05...	TOC	..
I2710-16	2.9563	0.0566	1.92	TOC	
I2710-22	1.3462	0.0639	4.74	TOC	
CCV.....	10.5081...	..	...	TOC	..
CCB	0.1244			TOC	
FILTER BLANK	0.5945	0.0523	8.80	TOC	
I2710-23.....	2.7525...	0.0438..	1.59...	TOC	..
I2710-24	1.3449	0.0973	7.24	TOC	
I2710-25	2.5674	0.0530	2.07	TOC	
I2710-26.....	2.6654...	0.1164..	4.37...	TOC	..
I2710-26S	13.8364	0.1438	1.04	TOC	
I2710-26SD	13.1152	0.1664	1.27	TOC	
CCV.....	9.6756...	..	...	TOC	..
CCB	0.3014			TOC	

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Method ID	Sample Type	Vial	Timestamp	Message
=====	=====	=====	=====	=====
TOC 0 - 20 ppmC	TOC Standard	1	2017/04/20 17:20	
TOC 0 - 20 ppmC	TOC Standard	2	2017/04/20 17:48	
TOC 0 - 20 ppmC	TOC Standard	3	2017/04/20 18:01	
TOC 0 - 20 ppmC	...TOC Standard	.. 4..	2017/04/20 18:14	..
TOC 0 - 20 ppmC	TOC Standard	5	2017/04/20 18:28	
TOC 0 - 20 ppmC	TOC Standard	6	2017/04/20 18:42	
TOC 0 - 20 ppmC	...TOC Standard	.. 7..	2017/04/20 18:57	..
TOC 0 - 20 ppmC	Sample	8	2017/04/20 21:48	
TOC 0 - 20 ppmC	Sample	9	2017/04/20 22:01	
TOC 0 - 20 ppmC	...Sample	.. 10..	2017/04/20 22:15	..
TOC 0 - 20 ppmC	Sample	11	2017/04/20 22:28	Low Sample Detected
TOC 0 - 20 ppmC	Sample	12	2017/04/20 22:52	Low Sample Detected
TOC 0 - 20 ppmC	...Sample	.. 13..	2017/04/20 23:20	..
TOC 0 - 20 ppmC	Sample	14	2017/04/20 23:47	
TOC 0 - 20 ppmC	Sample	16	2017/04/21 06:27	
TOC 0 - 20 ppmC	...Sample	.. 17..	2017/04/21 06:54	..
TOC 0 - 20 ppmC	Sample	18	2017/04/21 07:22	
TOC 0 - 20 ppmC	Sample	19	2017/04/21 07:49	
TOC 0 - 20 ppmC	...Sample	.. 20..	2017/04/21 08:17	..
TOC 0 - 20 ppmC	Sample	15	2017/04/21 08:45	
TOC 0 - 20 ppmC	Sample	21	2017/04/21 09:11	
TOC 0 - 20 ppmC	...Sample	.. 10..	2017/04/21 09:26	..
TOC 0 - 20 ppmC	Sample	11	2017/04/21 09:39	Low Sample Detected
TOC 0 - 20 ppmC	Sample	28	2017/04/21 10:04	
TOC 0 - 20 ppmC	...Sample	.. 22..	2017/04/21 10:31	..
TOC 0 - 20 ppmC	Sample	23	2017/04/21 10:58	
TOC 0 - 20 ppmC	Sample	24	2017/04/21 11:52	
TOC 0 - 20 ppmC	...Sample	.. 25..	2017/04/21 12:20	..
TOC 0 - 20 ppmC	Sample	26	2017/04/21 12:52	
TOC 0 - 20 ppmC	Sample	27	2017/04/21 13:23	
TOC 0 - 20 ppmC	...Sample	.. 6..	2017/04/21 13:38	..
TOC 0 - 20 ppmC	Sample	11	2017/04/21 13:51	

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=====
Sample ID: 0.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201653
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 17:20
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			18571	0.940	1.140	146

```

=====
Sample ID: 0.5PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 17:48
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			25501	0.795	0.994	142

```

=====
Sample ID: 1.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 18:01
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			49432	0.723	0.922	150

```

=====
Sample ID: 2.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 18:14
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			98032	0.672	0.872	157

```

=====
Sample ID: 5.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 18:28
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			295574	0.635	0.834	176

```

=====
Sample ID: 10.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 18:42
Operator ID: AP AK Sample Type: TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			602845	0.681	0.880	187

```

=====
Sample ID: 20.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04201722
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 18:57
Operator ID: AP AK Sample Type: TOC Standard

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Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1176513	0.752	0.950	208

Sample ID: ICV Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 21:48
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.3880	5.1940	614123	0.291	0.490	200

Sample ID: ICB Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 22:01
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1774	0.0887	10486	0.158	0.356	134

Sample ID: CCV Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 22:15
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.4876	5.2438	620012	0.285	0.484	199

Sample ID: CCB Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 22:28
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.0672	0.0336	3972	0.157	0.489	120

Last Message: Low Sample Detected

Sample ID: LB86999BLW Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 22:52
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.0685	0.0342	4047	0.108	0.434	120
2	0.0320	0.0160	1889	0.128	0.454	120
3	0.0325	0.0163	1923	0.123	0.413	120
4	0.1053	0.0526	6224	0.101	0.456	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 0.0596 Std Dev: 0.0349 RSD: 58.66

Sample ID: LB86999BSW Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 23:20
Operator ID: AP AK Sample Type: Sample

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Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.5610	5.2805	624349	0.258	0.456	193
2	10.5940	5.2970	626300	0.261	0.460	201
3	10.5363	5.2682	622891	0.280	0.478	191
4	10.6951	5.3475	632278	0.270	0.469	196

<<<Statistics>>> Mean: 10.5966 Std Dev: 0.0698 RSD: 0.66

Sample ID: I2710-15 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/20 23:47
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.1192	1.0596	125286	0.102	0.300	172
2	2.0128	1.0064	118993	0.133	0.332	167
3	1.8816	0.9408	111238	0.148	0.347	167
4	2.0424	1.0212	120744	0.110	0.309	168

<<<Statistics>>> Mean: 2.0140 Std Dev: 0.0990 RSD: 4.92

Sample ID: I2710-17 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 06:27
Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.0419	1.5210	179833	0.532	0.729	175
2	3.0961	1.5481	183039	0.541	0.735	176
3	3.1080	1.5540	183740	0.573	0.771	176
4	3.1071	1.5536	183688	0.588	0.787	180

<<<Statistics>>> Mean: 3.0883 Std Dev: 0.0314 RSD: 1.02

Sample ID: I2710-18 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 06:54
Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.0337	1.0168	120228	0.560	0.758	171
2	2.0125	1.0062	118974	0.566	0.763	170
3	1.9892	0.9946	117598	0.554	0.752	172
4	2.1456	1.0728	126846	0.546	0.745	174

<<<Statistics>>> Mean: 2.0452 Std Dev: 0.0693 RSD: 3.39

Sample ID: I2710-19 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04202135
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 07:22
Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.0304	1.5152	179155	0.575	0.772	183
2	2.9894	1.4947	176728	0.628	0.823	180
3	2.9277	1.4639	173083	0.634	0.831	177
4	3.1246	1.5623	184721	0.625	0.824	185

<<<Statistics>>> Mean: 3.0180 Std Dev: 0.0826 RSD: 2.74

Sample ID:	I2710-20	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04202135
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/21 07:49
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.9283	1.4642	173118	0.569	0.766	181
2	2.9093	1.4547	171996	0.622	0.821	179
3	2.8073	1.4037	165965	0.667	0.867	176
4	2.8199	1.4099	166706	0.665	0.863	174

```
<<<Statistics>>>      Mean:      2.8662      Std Dev:      0.0614      RSD: 2.14
```

Sample ID:	I2710-21	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04202135
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/21 08:17
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.9399	1.9700	232922	0.647	0.846	185
2	4.0992	2.0496	242336	0.648	0.845	190
3	4.1152	2.0576	243284	0.682	0.880	190
4	4.0014	2.0007	236558	0.697	0.896	187

```
<<<Statistics>>>      Mean:      4.0389      Std Dev:      0.0830      RSD: 2.05
```

Sample ID:	I2710-16	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04202135
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/21 08:45
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.9592	1.4796	174944	0.698	0.897	179
2	2.9154	1.4577	172352	0.752	0.952	176
3	2.9153	1.4576	172347	0.769	0.969	176
4	3.0354	1.5177	179451	0.758	0.957	183

```
<<<Statistics>>>      Mean:      2.9563      Std Dev:      0.0566      RSD: 1.92
```

Sample ID:	I2710-22	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04202135
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/21 09:11
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.3951	0.6975	82474	0.609	0.808	161
2	1.4005	0.7003	82796	0.669	0.868	167
3	1.3228	0.6614	78202	0.741	0.938	161
4	1.2665	0.6332	74872	0.749	0.947	160

```
<<<Statistics>>>      Mean:      1.3462      Std Dev:      0.0639      RSD: 4.74
```

Sample ID:	CCV	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04202135
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/21 09:26
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.5081	5.2541	621226	0.732	0.932	187

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Sample ID:   CCB
Method:      TOC 0 - 20 ppmC
Cal. Curve:  TOC WATER 0-20PPM
Operator ID: AP AK
Mode:        TOC
Filename:    04202135
Timestamp:   2017/04/21 09:39
Sample Type: Sample
  
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1244	0.0622	7353	0.602	0.942	120

Last Message: Low Sample Detected

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Sample ID:   FILTER BLANK
Method:      TOC 0 - 20 ppmC
Cal. Curve:  TOC WATER 0-20PPM
Operator ID: AP AK
Mode:        TOC
Filename:    04202135
Timestamp:   2017/04/21 10:04
Sample Type: Sample
  
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.5263	0.2632	31115	0.531	0.730	146
2	0.5844	0.2922	34551	0.494	0.694	149
3	0.6196	0.3098	36628	0.524	0.722	153
4	0.6477	0.3238	38289	0.582	0.782	151

<<<Statistics>>> Mean: 0.5945 Std Dev: 0.0523 RSD: 8.80

```

Sample ID:   I2710-23
Method:      TOC 0 - 20 ppmC
Cal. Curve:  TOC WATER 0-20PPM
Operator ID: AP AK
Mode:        TOC
Filename:    04202135
Timestamp:   2017/04/21 10:31
Sample Type: Sample
  
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.7673	1.3836	163597	0.661	0.861	177
2	2.7110	1.3555	160269	0.672	0.870	176
3	2.8074	1.4037	165967	0.652	0.849	178
4	2.7243	1.3621	161054	0.684	0.883	173

<<<Statistics>>> Mean: 2.7525 Std Dev: 0.0438 RSD: 1.59

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Sample ID:   I2710-24
Method:      TOC 0 - 20 ppmC
Cal. Curve:  TOC WATER 0-20PPM
Operator ID: AP AK
Mode:        TOC
Filename:    04202135
Timestamp:   2017/04/21 10:58
Sample Type: Sample
  
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.3586	0.6793	80319	0.488	0.688	165
2	1.2762	0.6381	75446	0.533	0.731	160
3	1.2675	0.6338	74934	0.544	0.741	159
4	1.4773	0.7387	87338	0.534	0.733	175

<<<Statistics>>> Mean: 1.3449 Std Dev: 0.0973 RSD: 7.24

```

Sample ID:   I2710-25
Method:      TOC 0 - 20 ppmC
Cal. Curve:  TOC WATER 0-20PPM
Operator ID: AP AK
Mode:        TOC
Filename:    04202135
Timestamp:   2017/04/21 11:52
Sample Type: Sample
  
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.5790	1.2895	152465	0.618	0.818	184
2	2.6204	1.3102	154916	0.601	0.800	184

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3	2.4938	1.2469	147428	0.608	0.806	205
4	2.5763	1.2881	152304	0.534	0.732	183

<<<Statistics>>> Mean: 2.5674 Std Dev: 0.0530 RSD: 2.07

Sample ID: I2710-26 Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 04202135
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 12:20
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.8399	1.4200	167894	0.564	0.760	192
2	2.6034	1.3017	153910	0.598	0.797	178
3	2.6050	1.3025	154004	0.597	0.796	193
4	2.6134	1.3067	154501	0.566	0.766	182

<<<Statistics>>> Mean: 2.6654 Std Dev: 0.1164 RSD: 4.37

Sample ID: I2710-26S Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 04202135
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 12:52
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.6997	6.8499	809906	0.587	0.787	246
2	13.9724	6.9862	826030	0.656	0.854	242
3	13.9481	6.9740	824590	0.693	0.892	251
4	13.7252	6.8626	811415	0.717	0.915	230

<<<Statistics>>> Mean: 13.8364 Std Dev: 0.1438 RSD: 1.04

Sample ID: I2710-26SD Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 04202135
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 13:23
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.8817	6.4408	761545	0.633	0.832	240
2	13.1975	6.5987	780216	0.647	0.844	247
3	13.1190	6.5595	775577	0.620	0.819	235
4	13.2628	6.6314	784075	0.596	0.793	235

<<<Statistics>>> Mean: 13.1152 Std Dev: 0.1664 RSD: 1.27

Sample ID: CCV Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 04202135
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 13:38
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.6756	4.8378	572007	0.588	0.785	217

Sample ID: CCB Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 04202135
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/21 13:51
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.3014	0.1507	17820	0.480	0.680	142