

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	9.1417	0.4547	4.97	TOC	
CCB1	0.1949	0.0329	16.89	TOC	
LB116677BL	0.1597	0.0136	8.50	TOC	
LB116677BS.....	9.9092...	0.3107..	3.14...	TOC	..
M4068-07	0.5491	0.0515	9.38	TOC	
M4068-08	1.0393	0.0339	3.27	TOC	
M4069-01.....	2.6744...	0.2137..	7.99...	TOC	..
M4096-06	16.5941	0.3363	2.03	TOC	
M4069-01MS	12.6150	0.2739	2.17	TOC	
M4069-01MSD.....	12.5145...	0.2778..	2.22...	TOC	..
CCV2	9.8679	0.2498	2.53	TOC	
CCB2	0.2014	0.0494	24.51	TOC	

Method ID	Sample Type	Vial	Timestamp	Message
TOC 0 - 20 ppmC	Sample	11	2021/10/12 08:40	
TOC 0 - 20 ppmC	Sample	12	2021/10/12 09:03	
TOC 0 - 20 ppmC	Sample	13	2021/10/12 09:27	Low Sample Detected
TOC 0 - 20 ppmC	...Sample	.. 14..	2021/10/12 09:53	..
TOC 0 - 20 ppmC	Sample	17	2021/10/12 12:59	
TOC 0 - 20 ppmC	Sample	18	2021/10/12 13:23	
TOC 0 - 20 ppmC	...Sample	.. 19..	2021/10/12 13:50	..
TOC 0 - 20 ppmC	Sample	21	2021/10/12 14:19	
TOC 0 - 20 ppmC	Sample	20	2021/10/12 14:47	
TOC 0 - 20 ppmC	...Sample	.. 20..	2021/10/12 15:15	..
TOC 0 - 20 ppmC	Sample	11	2021/10/12 15:42	
TOC 0 - 20 ppmC	Sample	12	2021/10/12 16:05	

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   10120753
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2021/10/12 08:40
Operator ID: AP MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.6834	4.3417	452839	-0.066	0.132	147
2	8.8632	4.4316	462214	0.010	0.206	150
3	9.6852	4.8426	505085	0.019	0.219	157
4	9.3350	4.6675	486822	0.019	0.219	154

```
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<<<Statistics>>>   Mean:   9.1417   Std Dev:   0.4547   RSD: 4.97
=====
```

```
Sample ID:   CCB1                      Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   10120753
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2021/10/12 09:03
Operator ID: AP MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2354	0.1177	12275	-0.215	-0.015	114
2	0.1971	0.0985	10278	-0.148	0.051	112
3	0.1923	0.0961	10026	-0.131	0.068	112
4	0.1549	0.0775	8079	-0.118	0.082	111

```
-----
<<<Statistics>>>   Mean:   0.1949   Std Dev:   0.0329   RSD: 16.89
=====
```

```
Sample ID:   LB116677BL                Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   10120753
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2021/10/12 09:27
Operator ID: AP MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1531	0.0766	7986	-0.239	-0.182	120
2	0.1512	0.0756	7886	-0.225	-0.181	120
3	0.1547	0.0774	8068	-0.242	-0.188	120
4	0.1800	0.0900	9389	-0.250	-0.180	120

```
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Last Message: Low Sample Detected
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```

```
<<<Statistics>>>   Mean:   0.1597   Std Dev:   0.0136   RSD: 8.50
=====
```

```
Sample ID:   LB116677BS                Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   10120753
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2021/10/12 09:53
Operator ID: AP MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.2835	5.1418	536286	-0.251	-0.052	171
2	10.0439	5.0219	523788	-0.128	0.070	156
3	9.6259	4.8130	501993	-0.132	0.066	150
4	9.6833	4.8417	504987	-0.180	0.020	162

```
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<<<Statistics>>>   Mean:   9.9092   Std Dev:   0.3107   RSD: 3.14
=====
```

```
Sample ID:   M4068-07                 Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   10121236
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2021/10/12 12:59
Operator ID: AP MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.5963	0.2982	31098	-0.292	-0.094	121
2	0.4817	0.2408	25119	-0.256	-0.057	118
3	0.5370	0.2685	28003	-0.256	-0.060	119
4	0.5813	0.2907	30317	-0.268	-0.069	121

<<<Statistics>>> Mean: 0.5491 Std Dev: 0.0515 RSD: 9.38

Sample ID: M4068-08 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10121236
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 13:23
Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.0760	0.5380	56115	-0.306	-0.109	126
2	1.0503	0.5251	54771	-0.274	-0.076	127
3	1.0362	0.5181	54039	-0.251	-0.051	124
4	0.9948	0.4974	51879	-0.241	-0.046	123

<<<Statistics>>> Mean: 1.0393 Std Dev: 0.0339 RSD: 3.27

Sample ID: M4069-01 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10121236
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 13:50
Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.9747	1.4873	155130	-0.214	-0.014	156
2	2.6130	1.3065	136270	-0.206	-0.007	169
3	2.4697	1.2348	128795	-0.123	0.076	168
4	2.6400	1.3200	137677	-0.122	0.076	173

<<<Statistics>>> Mean: 2.6744 Std Dev: 0.2137 RSD: 7.99

Sample ID: M4096-06 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10121236
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 14:19
Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16.9505	8.4752	883967	0.102	0.300	201
2	16.7859	8.3930	875387	0.056	0.254	211
3	16.4321	8.2160	856934	0.252	0.452	201
4	16.2078	8.1039	845238	0.298	0.498	205

<<<Statistics>>> Mean: 16.5941 Std Dev: 0.3363 RSD: 2.03

Sample ID: M4069-01MS Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 10121421
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 14:47
Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.9892	6.4946	677388	-0.025	0.174	187
2	12.5412	6.2706	654025	0.025	0.221	195
3	12.5961	6.2980	656884	0.078	0.275	184
4	12.3336	6.1668	643195	0.034	0.233	177

<<<Statistics>>> Mean: 12.6150 Std Dev: 0.2739 RSD: 2.17

Sample ID: M4069-01MSD Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 10121421
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 15:15
 Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.8130	6.4065	668196	-0.024	0.175	196
2	12.3706	6.1853	645126	0.072	0.271	176
3	12.6714	6.3357	660816	0.049	0.247	178
4	12.2029	6.1015	636383	0.062	0.261	173

<<<Statistics>>> Mean: 12.5145 Std Dev: 0.2778 RSD: 2.22

Sample ID: CCV2 Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 10121421
 Cal. Curve: TOC WATER 0-20PPM Timesta
 mp: 2021/10/12 15:42
 Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.2303	5.1152	533512	-0.025	0.175	186
2	9.8317	4.9158	512721	0.061	0.261	163
3	9.6788	4.8394	504748	0.110	0.308	159
4	9.7309	4.8654	507466	0.124	0.323	175

<<<Statistics>>> Mean: 9.8679 Std Dev: 0.2498 RSD: 2.53

Sample ID: CCB2 Mode: TOC
 Method: TOC 0 - 20 ppmC Filename: 10121421
 Cal. Curve: TOC WATER 0-20PPM Timestamp: 2021/10/12 16:05
 Operator ID: AP MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2640	0.1320	13769	-0.049	0.150	115
2	0.1475	0.0738	7693	-0.015	0.183	110
3	0.2120	0.1060	11054	-0.036	0.162	112
4	0.1821	0.0910	9496	-0.026	0.171	110

<<<Statistics>>> Mean: 0.2014 Std Dev: 0.0494 RSD: 24.51

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
0.0PPM	10093	859	8.51	TOC	
0.5PPM	37250	1029	2.76	TOC	
1.0PPM	60976	2815	4.62	TOC	
2.0PPM.....	112448...	2475..	2.20...	TOC	..
5.0PPM	274796	4223	1.54	TOC	
10.0PPM	527757	6088	1.15	TOC	
20.0PPM.....	1053930...	14776..	1.40...	TOC	..
ICV	9.9378	0.2484	2.50	TOC	
ICB	0.1614	0.0419	25.93	TOC	
IC-20PPM.....	0.1969...	0.0529..	26.88...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
TOC 0 - 20 ppmC	TOC Standard	1	2021/09/09 11:04	Low Sample Detected
TOC 0 - 20 ppmC	TOC Standard	2	2021/09/09 11:30	
TOC 0 - 20 ppmC	TOC Standard	3	2021/09/09 11:55	
TOC 0 - 20 ppmC	...TOC Standard	.. 4..	2021/09/09 12:21	..
TOC 0 - 20 ppmC	TOC Standard	5	2021/09/09 12:48	
TOC 0 - 20 ppmC	TOC Standard	6	2021/09/09 13:16	
TOC 0 - 20 ppmC	...TOC Standard	.. 7..	2021/09/09 13:45	..
TOC 0 - 20 ppmC	Sample	8	2021/09/09 14:12	
TOC 0 - 20 ppmC	Sample	9	2021/09/09 14:36	Low Sample Detected
TOC 0 - 20 ppmC	...Sample	.. 10..	2021/09/09 15:00	..Low Sample Detected

```
=====
Sample ID: 0.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 09091042
Cal. Curve: TOC WATER 0-20PPM          Timestamp: 2021/09/09 11:04
Operator ID: AP MA                      Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			9189	-0.548	-0.467	120
2			9964	-0.596	-0.558	120
3			11260	-0.611	-0.521	120
4			9958	-0.593	-0.522	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 10093 Std Dev: 859 RSD: 8.51
=====

```
=====
Sample ID: 0.5PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 09091042
Cal. Curve: TOC WATER 0-20PPM          Timestamp: 2021/09/09 11:30
Operator ID: AP MA                      Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			37802	-0.630	-0.431	145
2			36253	-0.650	-0.451	144
3			38416	-0.667	-0.468	145
4			36530	-0.655	-0.456	144

<<<Statistics>>> Mean: 37250 Std Dev: 1029 RSD: 2.76
=====

```
=====
Sample ID: 1.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 09091042
Cal. Curve: TOC WATER 0-20PPM          Timestamp: 2021/09/09 11:55
Operator ID: AP MA                      Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			64527	-0.699	-0.499	151
2			58646	-0.691	-0.495	149
3			58785	-0.716	-0.516	149
4			61946	-0.742	-0.543	152

<<<Statistics>>> Mean: 60976 Std Dev: 2815 RSD: 4.62
=====

```
=====
Sample ID: 2.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 09091042
Cal. Curve: TOC WATER 0-20PPM          Timestamp: 2021/09/09 12:21
Operator ID: AP MA                      Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			110255	-0.722	-0.525	154
2			115437	-0.711	-0.511	156
3			113517	-0.713	-0.514	156
4			110581	-0.703	-0.506	154

<<<Statistics>>> Mean: 112448 Std Dev: 2475 RSD: 2.20
=====

```
=====
Sample ID: 5.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 09091042
Cal. Curve: TOC WATER 0-20PPM          Timestamp: 2021/09/09 12:48
Operator ID: AP MA                      Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			269131	-0.766	-0.569	166
2			274566	-0.811	-0.611	169
3			279156	-0.821	-0.623	167
4			276330	-0.799	-0.600	169

```

=====
<<<Statistics>>>   Mean:    274796   Std Dev:    4223   RSD: 1.54
=====

```

```

Sample ID:    10.0PPM           Mode:          TOC
Method:       TOC 0 - 20 ppmC   Filename:      09091042
Cal. Curve:   TOC WATER 0-20PPM Timestamp:     2021/09/09 13:16
Operator ID:  AP MA            Sample Type:   TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			531039	-0.809	-0.611	191
2			524714	-0.746	-0.546	177
3			534388	-0.721	-0.525	179
4			520887	-0.705	-0.506	174

```

=====
<<<Statistics>>>   Mean:    527757   Std Dev:    6088   RSD: 1.15
=====

```

```

Sample ID:    20.0PPM           Mode:          TOC
Method:       TOC 0 - 20 ppmC   Filename:      09091042
Cal. Curve:   TOC WATER 0-20PPM Timestamp:     2021/09/09 13:45
Operator ID:  AP MA            Sample Type:   TOC Standard

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1052691	-0.696	-0.497	209
2			1072793	-0.663	-0.463	210
3			1036683	-0.624	-0.425	195
4			1053555	-0.594	-0.395	200

```

=====
<<<Statistics>>>   Mean:    1053930   Std Dev:    14776   RSD: 1.40
=====

```

```

Sample ID:    ICV              Mode:          TOC
Method:       TOC 0 - 20 ppmC   Filename:      09091042
Cal. Curve:   TOC WATER 0-20PPM Timestamp:     2021/09/09 14:12
Operator ID:  AP MA            Sample Type:   Sample

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.8186	4.9093	512040	-0.603	-0.403	176
2	10.0203	5.0102	522560	-0.573	-0.375	183
3	9.6703	4.8351	504306	-0.538	-0.339	170
4	10.2419	5.1210	534117	-0.613	-0.414	177

```

=====
<<<Statistics>>>   Mean:    9.9378   Std Dev:    0.2484   RSD: 2.50
=====

```

```

Sample ID:    ICB              Mode:          TOC
Method:       TOC 0 - 20 ppmC   Filename:      09091042
Cal. Curve:   TOC WATER 0-20PPM Timestamp:     2021/09/09 14:36
Operator ID:  AP MA            Sample Type:   Sample

```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1809	0.0904	9433	-0.761	-0.668	120
2	0.2054	0.1027	10714	-0.778	-0.683	120
3	0.1081	0.0540	5636	-0.746	-0.672	120
4	0.1514	0.0757	7897	-0.751	-0.663	120

```

=====
Last Message: Low Sample Detected

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```

<<<Statistics>>>   Mean:    0.1614   Std Dev:    0.0419   RSD: 25.93

```

```
=====
Sample ID:   IC-20PPM                      Mode:      TOC
Method:      TOC 0 - 20 ppmC               Filename:   09091042
Cal. Curve:  TOC WATER 0-20PPM            Timestamp:  2021/09/09 15:00
Operator ID: AP MA                        Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2151	0.1076	11219	-0.749	-0.643	120
2	0.2187	0.1094	11407	-0.768	-0.655	120
3	0.2352	0.1176	12268	-0.770	-0.633	120
4	0.1186	0.0593	6184	-0.720	-0.643	120

```
=====
```

Last Message: Low Sample Detected

```
<<<Statistics>>>  Mean:   0.1969   Std Dev:   0.0529   RSD: 26.88
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```

Cal. Curve ID: TOC WATER 0-20PPM
Created: 2021/09/09 13:45
Calibration Factor (m): 1.043e+05
Y Intercept (b): 9925
r-squared: 0.99996

Rel. Error

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
0.0PPM	10093	0.000	0.002	Low Sample De	2021/09/09 11:04
0.5PPM	37250	0.250	0.262	<i>h.8</i>	2021/09/09 11:30
1.0PPM	60976	0.500	0.489	<i>-2.2</i>	2021/09/09 11:55
2.0PPM	112447	1.000	0.983	<i>-1.8</i>	2021/09/09 12:21
5.0PPM	274796	2.500	2.540	<i>1.6</i>	2021/09/09 12:48
10.0PPM	527757	5.000	4.965	<i>-0.8</i>	2021/09/09 13:16
20.0PPM	1053930	10.000	10.010	<i>0.1</i>	2021/09/09 13:45

*as**9/10/21*

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TOC-101121 WorkList ID : 153162 Department : Wet-Chemistry Date : 10-11-2021 14:31:24

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
10/18/2021	Water	M4069-01	TOC	Conc H2SO4 1c	URSC05	D11	MWHR2-6-100421	10/04/2021	SM5310B
10/19/2021	Water	M4096-06	TOC	Conc H2SO4 1c	URSC05	D11	A3SEEP-100521	10/05/2021	SM5310B

Date/Time 10/12/21 8:30
 Raw Sample Received by: AD (WOC)
 Raw Sample Relinquished by: AD SM

Date/Time 10/12/21 12:30
 Raw Sample Received by: AD SM
 Raw Sample Relinquished by: AD (WOC)