

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
CCV1	1.1970	0.0262	2.19	TOC	
CCB1	0.1963	0.0144	7.32	TOC	
LB124952BLW	0.2233	0.0277	12.42	TOC	
LB124952BSW.....	10.0737...	0.2255..	2.24...	TOC	..
02247-01	1.0143	0.1480	14.60	TOC	
02247-03	3.0376	0.3948	13.00	TOC	
02247-05.....	1.3364...	0.1458..	10.91...	TOC	..
02247-07MS	10.9134	0.3207	2.94	TOC	
02247-08MSD	11.4943	0.4879	4.24	TOC	
02247-11.....	13.3492...	0.2936..	2.20...	TOC	..
02247-13	4.2941	0.3928	9.15	TOC	
CCV2	10.5142	0.3239	3.08	TOC	
CCB2.....	0.3700...	0.0179..	4.84...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
TOC 0 - 20 ppmC	Sample	11	2023/04/13 10:02	
TOC 0 - 20 ppmC	Sample	12	2023/04/13 10:25	Low Sample Detected
TOC 0 - 20 ppmC	Sample	13	2023/04/13 10:48	Low Sample Detected
TOC 0 - 20 ppmC	...Sample	.. 14..	2023/04/13 11:15	..
TOC 0 - 20 ppmC	Sample	15	2023/04/13 11:39	
TOC 0 - 20 ppmC	Sample	16	2023/04/13 12:04	
TOC 0 - 20 ppmC	...Sample	.. 17..	2023/04/13 12:28	..
TOC 0 - 20 ppmC	Sample	18	2023/04/13 12:55	
TOC 0 - 20 ppmC	Sample	18	2023/04/13 13:21	
TOC 0 - 20 ppmC	...Sample	.. 19..	2023/04/13 14:14	..
TOC 0 - 20 ppmC	Sample	20	2023/04/13 14:40	
TOC 0 - 20 ppmC	Sample	21	2023/04/13 15:08	
TOC 0 - 20 ppmC	...Sample	.. 13..	2023/04/13 15:54	..

```
=====
Sample ID:   CCV1                      Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   04130939
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2023/04/13 10:02
Operator ID: IZ MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.2233	0.6116	53143	-0.641	-0.444	125
2	1.1715	0.5857	50894	-0.585	-0.385	124
3	1.2155	0.6078	52806	-0.566	-0.367	123
4	1.1776	0.5888	51160	-0.553	-0.353	124

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<<<Statistics>>>   Mean:   1.1970   Std Dev:   0.0262   RSD: 2.19
=====
```

```
=====
Sample ID:   CCB1                      Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   04130939
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2023/04/13 10:25
Operator ID: IZ MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2036	0.1018	8844	-0.499	-0.302	103
2	0.1885	0.0942	8187	-0.468	-0.457	120
3	0.2125	0.1062	9231	-0.469	-0.271	103
4	0.1807	0.0903	7848	-0.427	-0.228	102

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

```
<<<Statistics>>>   Mean:   0.1963   Std Dev:   0.0144   RSD: 7.32
=====
```

```
=====
Sample ID:   LB124952BLW              Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   04130939
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2023/04/13 10:48
Operator ID: IZ MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.2010	0.1005	8734	-0.424	-0.379	120
2	0.2055	0.1027	8926	-0.420	-0.394	120
3	0.2247	0.1123	9761	-0.419	-0.381	120
4	0.2619	0.1310	11380	-0.425	-0.361	120

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

```
<<<Statistics>>>   Mean:   0.2233   Std Dev:   0.0277   RSD: 12.42
=====
```

```
=====
Sample ID:   LB124952BSW              Mode:      TOC
Method:      TOC 0 - 20 ppmC           Filename:   04130939
Cal. Curve:  TOC WATER 0-20PPM        Timestamp: 2023/04/13 11:15
Operator ID: IZ MA                     Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.3121	5.1561	447995	-0.390	-0.191	179
2	10.1998	5.0999	443113	-0.352	-0.154	171
3	9.9736	4.9868	433287	-0.308	-0.110	170
4	9.8094	4.9047	426154	-0.300	-0.101	155

```
-----
<<<Statistics>>>   Mean:  10.0737   Std Dev:   0.2255   RSD: 2.24
=====
```

Sample ID: 02247-01 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 11:39
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.1706	0.5853	50854	-0.357	-0.158	120
2	0.8136	0.4068	35346	-0.335	-0.135	117
3	1.0415	0.5208	45247	-0.379	-0.180	121
4	1.0313	0.5157	44805	-0.347	-0.150	123

<<<Statistics>>> Mean: 1.0143 Std Dev: 0.1480 RSD: 14.60

Sample ID: 02247-03 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 12:04
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3.5966	1.7983	156248	-0.371	-0.174	148
2	3.0209	1.5104	131236	-0.332	-0.133	149
3	2.8289	1.4144	122897	-0.297	-0.101	145
4	2.7041	1.3520	117474	-0.279	-0.079	146

<<<Statistics>>> Mean: 3.0376 Std Dev: 0.3948 RSD: 13.00

Sample ID: 02247-05 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 12:28
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.5521	0.7761	67430	-0.348	-0.149	129
2	1.2872	0.6436	55922	-0.309	-0.110	128
3	1.2313	0.6157	53492	-0.265	-0.065	127
4	1.2750	0.6375	55391	-0.257	-0.059	128

<<<Statistics>>> Mean: 1.3364 Std Dev: 0.1458 RSD: 10.91

Sample ID: 02247-07MS Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 12:55
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.2343	5.6172	488058	-0.194	0.005	165
2	10.9881	5.4941	477361	-0.139	0.061	156
3	10.4689	5.2345	454807	-0.113	0.084	154
4	10.9621	5.4810	476231	-0.115	0.085	153

<<<Statistics>>> Mean: 10.9134 Std Dev: 0.3207 RSD: 2.94

Sample ID: 02247-08MSD Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 13:21

Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.0979	6.0490	525576	-0.147	0.052	175
2	11.4046	5.7023	495456	-0.055	0.143	159
3	10.9136	5.4568	474123	-0.028	0.169	157
4	11.5610	5.7805	502250	-0.054	0.144	159

<<<Statistics>>> Mean: 11.4943 Std Dev: 0.4879 RSD: 4.24

Sample ID: 02247-11 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 14:14
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.0293	6.5147	566039	-0.017	0.180	183
2	13.6391	6.8196	592531	0.006	0.205	195
3	13.1748	6.5874	572359	0.024	0.220	185
4	13.5536	6.7768	588814	-0.086	0.113	198

<<<Statistics>>> Mean: 13.3492 Std Dev: 0.2936 RSD: 2.20

Sample ID: 02247-13 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 14:40
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.8444	2.4222	210458	0.003	0.199	160
2	4.2545	2.1273	184830	0.064	0.264	163
3	4.1570	2.0785	180593	0.115	0.314	163
4	3.9205	1.9602	170319	0.168	0.367	156

<<<Statistics>>> Mean: 4.2941 Std Dev: 0.3928 RSD: 9.15

Sample ID: CCV2 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 15:08
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.8459	5.4229	471182	0.212	0.412	195
2	10.1134	5.0567	439362	0.303	0.503	165
3	10.4044	5.2022	452003	0.324	0.524	165
4	10.6929	5.3464	464535	0.336	0.534	182

<<<Statistics>>> Mean: 10.5142 Std Dev: 0.3239 RSD: 3.08

Sample ID: CCB2 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04130939
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/13 15:54
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
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				Baseline	Baseline	Time
1	0.3442	0.1721	14954	0.238	0.438	109
2	0.3739	0.1869	16243	0.236	0.436	110
3	0.3855	0.1928	16749	0.243	0.443	109
4	0.3763	0.1881	16348	0.255	0.455	111

<<<Statistics>>>		Mean:	0.3700	Std Dev:	0.0179	RSD: 4.84

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
0.0PPM	5712	847	14.83	TOC	
0.5PPM	21957	3246	14.79	TOC	
1.0PPM	34520	6519	18.88	TOC	
2.0PPM.....	75816...	21789..	28.74...	TOC	..
5.0PPM	222857	3669	1.65	TOC	
10.0PPM	437946	9260	2.11	TOC	
20.0PPM.....	864780...	32774..	3.79...	TOC	..
ICV1	10.3280	0.1653	1.60	TOC	
ICB1	0.4722	0.0854	18.09	TOC	
IC-20.....	0.1598...	0.0370..	23.14...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
TOC 0 - 20 ppmC	TOC Standard	1	2023/04/04 09:42	Low Sample Detected
TOC 0 - 20 ppmC	TOC Standard	2	2023/04/04 10:05	
TOC 0 - 20 ppmC	TOC Standard	3	2023/04/04 10:29	
TOC 0 - 20 ppmC	...TOC Standard	.. 22..	2023/04/04 11:42	..
TOC 0 - 20 ppmC	TOC Standard	5	2023/04/04 12:13	
TOC 0 - 20 ppmC	TOC Standard	6	2023/04/04 12:44	
TOC 0 - 20 ppmC	...TOC Standard	.. 7..	2023/04/04 13:17	..
TOC 0 - 20 ppmC	Sample	8	2023/04/04 13:48	
TOC 0 - 20 ppmC	Sample	9	2023/04/04 14:11	
TOC 0 - 20 ppmC	...Sample	.. 10..	2023/04/04 14:35	..Low Sample Detected

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=====
Sample ID: 0.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM         Timestamp: 2023/04/04 09:42
Operator ID: IZ MA                     Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			4582	-0.682	-0.684	120
2			5801	-0.702	-0.719	120
3			5826	-0.703	-0.706	120
4			6637	-0.730	-0.532	102

Last Message: Low Sample Detected

<<<Statistics>>> Mean: 5712 Std Dev: 847 RSD: 14.83
=====

```
=====
Sample ID: 0.5PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM         Timestamp: 2023/04/04 10:05
Operator ID: IZ MA                     Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			26174	-0.746	-0.547	114
2			18676	-0.676	-0.477	111
3			20342	-0.694	-0.497	110
4			22636	-0.683	-0.485	109

<<<Statistics>>> Mean: 21957 Std Dev: 3246 RSD: 14.79
=====

```
=====
Sample ID: 1.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM         Timestamp: 2023/04/04 10:29
Operator ID: IZ MA                     Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			42426	-0.859	-0.659	117
2			27287	-0.753	-0.554	113
3			31689	-0.743	-0.548	113
4			36678	-0.755	-0.559	114

<<<Statistics>>> Mean: 34520 Std Dev: 6519 RSD: 18.88
=====

```
=====
Sample ID: 2.0PPM                      Mode: TOC
Method: TOC 0 - 20 ppmC                Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM         Timestamp: 2023/04/04 11:42
Operator ID: IZ MA                     Sample Type: TOC Standard
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			106340	-1.116	-0.918	201
2			74744	-1.072	-0.873	129
3			55718	-0.869	-0.671	117
4			66461	-0.820	-0.620	116

<<<Statistics>>> Mean: 75816 Std Dev: 21789 RSD: 28.74
=====

Sample ID: 5.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/04 12:13
Operator ID: IZ MA Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			217423	-1.135	-0.936	208
2			224725	-1.089	-0.893	216
3			225351	-1.067	-0.868	231
4			223929	-1.058	-0.862	237

<<<Statistics>>> Mean: 222857 Std Dev: 3669 RSD: 1.65

Sample ID: 10.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/04 12:44
Operator ID: IZ MA Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			426538	-1.073	-0.875	231
2			436867	-1.058	-0.858	248
3			449087	-1.059	-0.859	216
4			439290	-1.009	-0.809	237

<<<Statistics>>> Mean: 437946 Std Dev: 9260 RSD: 2.11

Sample ID: 20.0PPM Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/04 13:17
Operator ID: IZ MA Sample Type: TOC Standard

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			825206	-0.936	-0.737	244
2			888287	-0.977	-0.778	264
3			894889	-0.944	-0.747	272
4			850736	-0.969	-0.769	254

<<<Statistics>>> Mean: 864780 Std Dev: 32774 RSD: 3.79

Sample ID: ICB1 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/04 13:48
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.1435	5.0718	440669	-0.985	-0.787	231
2	10.2334	5.1167	444573	-0.982	-0.782	238
3	10.4620	5.2310	454504	-0.995	-0.796	260
4	10.4730	5.2365	454981	-0.992	-0.794	233

<<<Statistics>>> Mean: 10.3280 Std Dev: 0.1653 RSD: 1.60

Sample ID: ICB1 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04040857
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2023/04/04 14:11
Operator ID: IZ MA Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.5443	0.2722	23648	-0.996	-0.799	113
2	0.5087	0.2544	22101	-0.965	-0.768	110
3	0.3491	0.1745	15166	-0.943	-0.744	107
4	0.4867	0.2434	21145	-0.933	-0.736	108

<<<Statistics>>> Mean: 0.4722 Std Dev: 0.0854 RSD: 18.09
=====

Sample ID:	IC-20	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04041413
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2023/04/04 14:35
Operator ID:	IZ MA	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1759	0.0880	7644	-0.972	-0.772	101
2	0.1859	0.0929	8075	-0.957	-0.883	120
3	0.1050	0.0525	4562	-0.935	-0.933	120
4	0.1724	0.0862	7492	-0.950	-0.753	101

Last Message: Low Sample Detected
<<<Statistics>>> Mean: 0.1598 Std Dev: 0.0370 RSD: 23.14
=====

Cal. Curve ID: TOC WATER 0-20PPM
 Created: 2023/04/04 13:21
 Calibration Factor (m): 8.689e+04
 Y Intercept (b): -1284
 r-squared: 0.99953

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
0.0PPM	5712	0.000	0.081		2023/04/04 09:42
0.5PPM	21957	0.250	0.267	6.8	2023/04/04 10:05
1.0PPM	34520	0.500	0.412	-17.6	2023/04/04 10:29
2.0PPM	75816	1.000	0.887	-16.2	2023/04/04 11:42
5.0PPM	222857	2.500	2.580	3.2	2023/04/04 12:13
10.0PPM	437946	5.000	5.055	1.1	2023/04/04 12:44
20.0PPM	864780	10.000	9.968	-0.3	2023/04/04 13:17

12

WORKLIST(Hardcopy Internal Chain)

LB124952

WorkList Name : TOC-041323 WorkList ID : 169025 Department : Wet-Chemistry Date : 04-13-2023 10:00:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/21/2023	Water	O2247-01	TOC	Conc H2SO4 to	LOCK01	M11	PK-10S	04/06/2023	SM5310B
04/21/2023	Water	O2247-03	TOC	Conc H2SO4 to	LOCK01	M11	PK-10I	04/06/2023	SM5310B
04/21/2023	Water	O2247-05	TOC	Conc H2SO4 to	LOCK01	M11	PK-10D	04/06/2023	SM5310B
04/21/2023	Water	O2247-07	TOC	Conc H2SO4 to	LOCK01	M11	O2247-05MS	04/06/2023	SM5310B
04/21/2023	Water	O2247-08	TOC	Conc H2SO4 to	LOCK01	M11	O2247-05MSD	04/06/2023	SM5310B
04/21/2023	Water	O2247-11	TOC	Conc H2SO4 to	LOCK01	M11	RW-12I	04/06/2023	SM5310B
04/21/2023	Water	O2247-13	TOC	Conc H2SO4 to	LOCK01	M11	RW-12D	04/06/2023	SM5310B

Date/Time 04/13/23 10:10
 Raw Sample Received by: 12 (SC)
 Raw Sample Relinquished by: 12 (SC)

Date/Time 04/13/23 12:40
 Raw Sample Received by: 12 (SC)
 Raw Sample Relinquished by: 12 (SC)