

A/C
4/21/17

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

AV
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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	

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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	

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Detailed Analysis Report Print Date/Time: 2017/04/21 14:11:05

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

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```

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

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

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=====
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```
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
=====
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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
=====
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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

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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

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Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
CCV	9.8485			TOC	
CCB	0.1273			TOC	
LB87133BLW	-0.1588	0.1935	-121.82	TOC	
LB87133BSW.....	9.3235...	0.1000..	1.07...	TOC	..
I2904-03	-0.0987	0.1665	-168.63	TOC	
I2904-01	1.6661	0.2097	12.59	TOC	
I2916-10.....	0.0072...	0.0731..	1015.73...	TOC	..
I2904-02	1.4329	0.0754	5.26	TOC	
I2904-02MS	11.0391	0.0667	0.60	TOC	
I2904-02MSD.....	11.2170...	0.1458..	1.30...	TOC	..
CCV	9.8348			TOC	
CCB	0.1457			TOC	

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Method ID	Sample Type	Vial	Timestamp	Message
=====	=====	=====	=====	=====
TOC 0 - 20 ppmC	Sample	2	2017/04/28 15:33	
TOC 0 - 20 ppmC	Sample	3	2017/04/28 15:46	Low Sample Detected
TOC 0 - 20 ppmC	Sample	4	2017/04/28 16:09	Low Sample Detected
TOC 0 - 20 ppmC	...Sample	.. 5..	2017/04/28 16:42	..
TOC 0 - 20 ppmC	Sample	6	2017/04/28 17:05	Low Sample Detected
TOC 0 - 20 ppmC	Sample	7	2017/04/28 17:58	
TOC 0 - 20 ppmC	...Sample	.. 11..	2017/04/28 18:22	..Low Sample Detected
TOC 0 - 20 ppmC	Sample	8	2017/04/28 18:50	
TOC 0 - 20 ppmC	Sample	9	2017/04/28 19:21	
TOC 0 - 20 ppmC	...Sample	.. 10..	2017/04/28 19:52	..
TOC 0 - 20 ppmC	Sample	2	2017/04/28 20:08	
TOC 0 - 20 ppmC	Sample	3	2017/04/28 20:20	Low Sample Detected

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=====
Sample ID:   CCV                               Mode:      TOC
Method:      TOC 0 - 20 ppmC                   Filename:   04281451
Cal. Curve:  TOC WATER 0-20PPM                 Timestamp:  2017/04/28 15:33
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	9.8485	4.9242	582228	0.957	1.157	261

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=====
Sample ID:   CCB                               Mode:      TOC
Method:      TOC 0 - 20 ppmC                   Filename:   04281534
Cal. Curve:  TOC WATER 0-20PPM                 Timestamp:  2017/04/28 15:46
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	0.1273	0.0636	7524	0.911	1.112	120

Last Message: Low Sample Detected
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=====
Sample ID:   LB87133BLW                       Mode:      TOC
Method:      TOC 0 - 20 ppmC                   Filename:   04281547
Cal. Curve:  TOC WATER 0-20PPM                 Timestamp:  2017/04/28 16:09
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	0.1303	0.0652	7705	1.002	1.196	120
2	-0.2320	-0.1160	-13717	1.199	1.190	120
3	-0.2711	-0.1355	-16026	1.225	1.200	120
4	-0.2625	-0.1312	-15517	1.228	1.205	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: -0.1588 Std Dev: 0.1935 RSD: -121.82
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=====
Sample ID:   LB87133BSW                       Mode:      TOC
Method:      TOC 0 - 20 ppmC                   Filename:   04281547
Cal. Curve:  TOC WATER 0-20PPM                 Timestamp:  2017/04/28 16:42
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	9.2616	4.6308	547530	1.082	1.281	256
2	9.3106	4.6553	550431	1.141	1.341	253
3	9.4687	4.7344	559777	1.129	1.326	247
4	9.2532	4.6266	547035	1.149	1.349	243

<<<Statistics>>> Mean: 9.3235 Std Dev: 0.1000 RSD: 1.07
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Sample ID:   I2904-03                         Mode:      TOC
Method:      TOC 0 - 20 ppmC                   Filename:   04281547
Cal. Curve:  TOC WATER 0-20PPM                 Timestamp:  2017/04/28 17:05
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	0.1394	0.0697	8243	0.968	1.166	120
2	-0.2408	-0.1204	-14233	1.158	1.166	120
3	-0.1754	-0.0877	-10372	1.110	1.127	120
4	-0.1181	-0.0591	-6982	1.077	1.142	120

Last Message: Low Sample Detected

<<<Statistics>>> Mean: -0.0987 Std Dev: 0.1665 RSD: -168.63

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Sample ID: I2904-01 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04281547
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/28 17:58
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.9457	0.9729	115029	1.024	1.221	196
2	1.7027	0.8514	100663	1.056	1.256	205
3	1.4731	0.7365	87086	1.177	1.376	193
4	1.5429	0.7715	91217	1.176	1.373	190

<<<Statistics>>> Mean: 1.6661 Std Dev: 0.2097 RSD: 12.59

Sample ID: I2916-10 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04281547
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/28 18:22
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1106	0.0553	6539	1.098	1.246	120
2	-0.0618	-0.0309	-3652	1.175	1.193	120
3	-0.0107	-0.0053	-631	1.127	1.180	120
4	-0.0093	-0.0047	-551	1.105	1.171	120

Last Message: Low Sample Detected
<<<Statistics>>> Mean: 0.0072 Std Dev: 0.0731 RSD: 1015.73

Sample ID: I2904-02 Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04281547
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/28 18:50
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1.5400	0.7700	91043	1.043	1.241	192
2	1.4157	0.7078	83693	1.011	1.207	194
3	1.4128	0.7064	83523	0.989	1.186	193
4	1.3630	0.6815	80577	0.990	1.190	192

<<<Statistics>>> Mean: 1.4329 Std Dev: 0.0754 RSD: 5.26

Sample ID: I2904-02MS Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04281547
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/28 19:21
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.0362	5.5181	652445	0.997	1.195	238
2	11.0823	5.5411	655168	1.032	1.232	237
3	11.0920	5.5460	655740	1.039	1.238	231
4	10.9460	5.4730	647112	1.025	1.224	234

<<<Statistics>>> Mean: 11.0391 Std Dev: 0.0667 RSD: 0.60

Sample ID: I2904-02MSD Mode: TOC
Method: TOC 0 - 20 ppmC Filename: 04281547
Cal. Curve: TOC WATER 0-20PPM Timestamp: 2017/04/28 19:52
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	Integration
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				Baseline	Baseline	Time
1	11.1058	5.5529	656559	0.969	1.168	234
2	11.1277	5.5639	657854	1.003	1.203	222
3	11.2092	5.6046	662671	0.995	1.193	239
4	11.4253	5.7127	675447	1.001	1.201	238

<<<Statistics>>> Mean: 11.2170 Std Dev: 0.1458 RSD: 1.30

Sample ID:	CCV	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04281547
Cal. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/28 20:08
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.8348	4.9174	581419	0.920	1.119	228

Sample ID:	CCB	Mode:	TOC
Method:	TOC 0 - 20 ppmC	Filename:	04281547
Cal			
. Curve:	TOC WATER 0-20PPM	Timestamp:	2017/04/28 20:20
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	0.1457	0.0728	8612	0.780	0.966	120

Last Message: Low Sample Detected