

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====					
CCV	995.3924			TOC	
CCB	59.3625			TOC	
LB90844BLS	26.1105			TOC	
LB90844BLS.....	18.3295...	..	...	TOC	..
LB90844BSS	945.8805			TOC	
LB90844BSS	980.0167			TOC	
I5860-01.....	15202.0312...	..	...	TOC	..
I5860-01	17741.7676			TOC	
I5860-01	19042.5098			TOC	
I5860-01.....	17661.0176...	..	...	TOC	..
I5860-01DUP	17609.2793			TOC	
I5860-01DUP	18643.7754			TOC	
I5860-01MS.....	20384.0586...	..	...	TOC	..
I5860-01MS	16422.3711			TOC	
I5860-02	26872.5586			TOC	
I5860-02.....	27506.6680...	..	...	TOC	..
I5860-03	16135.8115			TOC	
I5860-03	15559.3730			TOC	
I5860-04.....	9938.8359...	..	...	TOC	..
I5860-04	8203.1592			TOC	
I5860-05	3027.1196			TOC	
I5860-05.....	3268.6741...	..	...	TOC	..
I5860-06	21509.5996			TOC	
I5860-06	23177.7871			TOC	
CCV.....	984.2103...	..	...	TOC	..
CCB	42.2484			TOC	
I5860-07	15550.9111			TOC	
I5860-07.....	16347.1123...	..	...	TOC	..
I5860-08	28328.0020			TOC	
I5860-08	23970.8242			TOC	
I5860-09.....	17204.8184...	..	...	TOC	..
I5860-09	17754.1367			TOC	
I5860-10	8815.5723			TOC	
I5860-10.....	10052.3877...	..	...	TOC	..
I5896-01	21717.2969			TOC	
I5896-01	18382.0234			TOC	
CCV.....	961.7417...	..	...	TOC	..
CCB	12.5789			TOC	

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	Sample		2017/10/17 08:55	
Boat Sampler	Sample		2017/10/17 08:58	
Boat Sampler	Sample		2017/10/17 09:01	
Boat Sampler	...Sample	..	..2017/10/17 09:09	..Low Sample Detected
Boat Sampler	Sample		2017/10/17 09:13	
Boat Sampler	Sample		2017/10/17 09:16	
Boat Sampler	...Sample	..	..2017/10/17 09:24	..
Boat Sampler	Sample		2017/10/17 09:30	
Boat Sampler	Sample		2017/10/17 09:36	
Boat Sampler	...Sample	..	..2017/10/17 09:43	..
Boat Sampler	Sample		2017/10/17 09:53	
Boat Sampler	Sample		2017/10/17 09:57	
Boat Sampler	...Sample	..	..2017/10/17 10:05	..
Boat Sampler	Sample		2017/10/17 10:11	
Boat Sampler	Sample		2017/10/17 10:20	Max Integration Time Reached
Boat Sampler	...Sample	..	..2017/10/17 10:27	..Max Integration Time Reached
Boat Sampler	Sample		2017/10/17 10:48	
Boat Sampler	Sample		2017/10/17 10:53	
Boat Sampler	...Sample	..	..2017/10/17 10:58	..
Boat Sampler	Sample		2017/10/17 11:01	
Boat Sampler	Sample		2017/10/17 11:17	
Boat Sampler	...Sample	..	..2017/10/17 11:23	..
Boat Sampler	Sample		2017/10/17 11:36	
Boat Sampler	Sample		2017/10/17 11:43	
Boat Sampler	...Sample	..	..2017/10/17 11:47	..
Boat Sampler	Sample		2017/10/17 11:50	
Boat Sampler	Sample		2017/10/17 11:57	
Boat Sampler	...Sample	..	..2017/10/17 12:03	..
Boat Sampler	Sample		2017/10/17 12:12	Max Integration Time Reached
Boat Sampler	Sample		2017/10/17 12:19	
Boat Sampler	...Sample	..	..2017/10/17 12:26	..
Boat Sampler	Sample		2017/10/17 12:31	
Boat Sampler	Sample		2017/10/17 12:37	
Boat Sampler	...Sample	..	..2017/10/17 12:41	..
Boat Sampler	Sample		2017/10/17 12:48	Max Integration Time Reached
Boat Sampler	Sample		2017/10/17 12:55	Max Integration Time Reached
Boat Sampler	...Sample	..	..2017/10/17 13:00	..
Boat Sampler	Sample		2017/10/17 13:04	Low Sample Detected

```
=====
Sample ID:   CCV                               Mode:      TOC
Method:      Boat Sampler                     Filename:   10170852
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 08:55
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	995.3924	39.8157	3141557	0.826	1.826	86

```
=====
```

```
Sample ID:   CCB                               Mode:      TOC
Method:      Boat Sampler                     Filename:   10170856
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 08:58
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59.3625	2.3745	187354	-0.040	0.958	65

```
=====
```

```
Sample ID:   LB90844BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   10170859
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 09:01
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26.1105	1.0444	82407	-0.161	0.828	42

```
=====
```

```
Sample ID:   LB90844BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   10170906
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 09:09
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	18.3295	0.7332	57850	0.339	0.496	120

```
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```

Last Message: Low Sample Detected

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```
Sample ID:   LB90844BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   10170910
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 09:13
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	945.8805	37.8352	2985292	0.334	1.333	103

```
=====
```

```
Sample ID:   LB90844BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   10170914
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 09:16
Operator ID: AP AK                           Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	980.0167	39.2007	3093030	0.518	1.515	90

```
=====
```

```
Sample ID:   I5860-01                         Mode:      TOC
Method:      Boat Sampler                     Filename:   10170917
Cal. Curve:  TOC SOIL                         Timestamp: 2017/10/17 09:24
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15202.0312	142.8991	11275091	1.465	2.464	149

Sample ID: I5860-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170924
Timestamp: 2017/10/17 09:30
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17741.7676	161.4501	12738810	1.460	2.457	174

Sample ID: I5860-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170931
Timestamp: 2017/10/17 09:36
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	19042.5098	177.0953	13973260	1.747	2.742	180

Sample ID: I5860-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170937
Timestamp: 2017/10/17 09:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17661.0176	158.9492	12541481	1.463	2.461	166

Sample ID: I5860-01DUP
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170946
Timestamp: 2017/10/17 09:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17609.2793	158.4835	12504740	1.346	2.344	176

Sample ID: I5860-01DUP
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170954
Timestamp: 2017/10/17 09:57
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	18643.7754	169.6584	13386463	13.622	14.588	88

Sample ID: I5860-01MS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10170958
Timestamp: 2017/10/17 10:05
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	20384.0586	175.3029	13831831	0.840	1.839	228

Sample ID:	I5860-01MS	Mode:	TOC
Method:	Boat Sampler	Filename:	10171006
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:11
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16422.3711	146.1591	11532314	1.599	2.598	154

=====

Sample ID:	I5860-02	Mode:	TOC
Method:	Boat Sampler	Filename:	10171012
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:20
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26872.5586	225.7295	17810616	1.614	3.389	240

Last Message: Max Integration Time Reached

=====

Sample ID:	I5860-02	Mode:	TOC
Method:	Boat Sampler	Filename:	10171021
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:27
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	27506.6680	225.5547	17796820	1.979	3.671	240

Last Message: Max Integration Time Reached

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Sample ID:	I5860-03	Mode:	TOC
Method:	Boat Sampler	Filename:	10171043
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:48
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16135.8115	133.9272	10567190	2.216	3.216	136

=====

Sample ID:	I5860-03	Mode:	TOC
Method:	Boat Sampler	Filename:	10171049
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:53
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15559.3730	133.8106	10557988	2.460	3.458	132

=====

Sample ID:	I5860-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10171054
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 10:58
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9938.8359	80.5046	6352010	2.466	3.461	85

=====

Sample ID:	I5860-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10171058
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 11:01

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8203.1592	66.4456	5242721	2.750	3.745	74

Sample ID: I5860-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171115
Timestamp: 2017/10/17 11:17
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3027.1196	28.4549	2245164	2.010	3.002	63

Sample ID: I5860-05
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171120
Timestamp: 2017/10/17 11:23
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3268.6741	29.0912	2295367	2.345	3.341	56

Sample ID: I5860-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171126
Timestamp: 2017/10/17 11:36
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21509.5996	176.3787	13916716	2.257	3.257	188

Sample ID: I5860-06
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171137
Timestamp: 2017/10/17 11:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	23177.7871	190.0579	14996034	2.498	3.497	198

Sample ID: CCV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171144
Timestamp: 2017/10/17 11:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	984.2103	39.3684	3106265	4.302	5.284	64

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10171148
Timestamp: 2017/10/17 11:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	42.2484	1.6899	133340	1.534	2.530	51

Sample ID:	I5860-07	Mode:	TOC
Method:	Boat Sampler	Filename:	10171151
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 11:57
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15550.9111	146.1786	11533850	2.719	3.717	151

=====

Sample ID:	I5860-07	Mode:	TOC
Method:	Boat Sampler	Filename:	10171157
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:03
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16347.1123	143.8546	11350482	2.220	3.217	154

=====

Sample ID:	I5860-08	Mode:	TOC
Method:	Boat Sampler	Filename:	10171205
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:12
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	28328.0020	223.7912	17657680	2.306	3.380	240

Last Message: Max Integration Time Reached

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Sample ID:	I5860-08	Mode:	TOC
Method:	Boat Sampler	Filename:	10171213
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:19
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	23970.8242	189.3695	14941722	2.548	3.543	198

=====

Sample ID:	I5860-09	Mode:	TOC
Method:	Boat Sampler	Filename:	10171220
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:26
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17204.8184	166.8867	13167775	2.386	3.383	174

=====

Sample ID:	I5860-09	Mode:	TOC
Method:	Boat Sampler	Filename:	10171226
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:31
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17754.1367	172.2151	13588198	2.862	3.860	164

=====

Sample ID:	I5860-10	Mode:	TOC
Method:	Boat Sampler	Filename:	10171232
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:37
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning
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Ending	Integration		Baseline	Baseline	Time	
1	8815.5723	71.4061	5634121	2.231	3.225	88

Sample ID:	I5860-10	Mode:	TOC
Method:	Boat Sampler	Filename:	10171238
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:41
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10052.3877	80.4191	6345266	2.537	3.531	110

Sample ID:	I5896-01	Mode:	TOC
Method:	Boat Sampler	Filename:	10171242
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:48
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21717.2969	182.4253	14393806	2.516	7.185	240

Last Message: Max Integration Time Reached

Sample ID:	I5896-01	Mode:	TOC
Method:	Boat Sampler	Filename:	10171249
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 12:55
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	18382.0234	147.0562	11603096	1.793	4.840	240

Last Message: Max Integration Time Reached

Sample ID:	CCV	Mode:	TOC
Method:	Boat Sampler	Filename:	10171257
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 13:00
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	961.7417	38.4697	3035352	1.936	2.935	74

Sample ID:	CCB	Mode:	TOC
Method:	Boat Sampler	Filename:	10171301
Cal. Curve:	TOC SOIL	Timestamp:	2017/10/17 13:04
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.5789	0.5032	39700	1.170	1.186	120

Last Message: Low Sample Detected

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
BLANK	71693			TOC	
250mg/l	922713			TOC	
500mg/l	1819820			TOC	
1000mg/l.....	3461910...	..	...	TOC	..
2000mg/l	6395880			TOC	
ICV	1012.4250			TOC	
ICB.....	19.6008...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2017/09/27 10:51	
Boat Sampler	TOC Standard		2017/09/27 10:54	
Boat Sampler	TOC Standard		2017/09/27 10:58	
Boat Sampler	...TOC Standard	..	..2017/09/27 11:02	..
Boat Sampler	TOC Standard		2017/09/27 11:07	
Boat Sampler	Sample		2017/09/27 11:15	
Boat Sampler	...Sample	..	..2017/09/27 11:20	..Low Sample Detected

Cal. Curve ID: TOC SOIL
Created: 2017/09/27 11:28
Calibration Factor (m): 7.890e+04
Y Intercept (b): 167329
r-squared: 0.99832

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	71693	0.000	-1.212		2017/09/27 10:51
250mg/l	922713	10.000	9.574		2017/09/27 10:54
500mg/l	1819820	20.000	20.943		2017/09/27 10:58
1000mg/l	3461910	40.000	41.755		2017/09/27 11:02
2000mg/l	6395880	80.000	78.940		2017/09/27 11:07

CHEMTECH**SOP ID: MLLOYD KAHN-TOC**

Analyst: AK

QA Control Code: A2040083

Balance ID : WC SC-2

Sample ID	Weight (mg)	Results (PPM)	Average-Results (PPM)	RSD	STDEV
LB90844BLS	40	26	22	25.71	1603.25 which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicate
LB90844BLS	40	18			
LB90844BSS	40	945	963	2.57	
LB90844BSS	40	980			
I5860-01	9.4	15202	17412	9.21	
I5860-01	9.1	17741			
I5860-01	9.3	19042			
I5860-01	9	17661			
I5860-01DUP	9	17609	18126	4.03	
I5860-01DUP	9.1	18643			
I5860-01MS	8.6	20384	18403	15.22	
I5860-01MS	8.9	16422			I5026-02 SAMPLE run on 9/8/2017
I5860-02	8.2	26872	27189	1.65	
I5860-02	8.2	27506			
I5860-03	8.3	16135	15847	2.57	
I5860-03	8.6	15559			
I5860-04	8.1	9938	9071	13.53	
I5860-04	8.1	8203			
I5860-05	8.9	3027	3148	5.41	
I5860-05	8.9	3268			
I5860-06	8.2	21509	22343	5.28	
I5860-06	8.2	23177			
I5860-07	9.4	15550	15949	3.53	
I5860-07	8.8	16347			
I5860-08	7.9	28328	26149	11.78	
I5860-08	7.9	23970			
I5860-09	9.7	17204	17479	2.23	
I5860-09	9.7	17754			
I5860-10	8.1	8815	9434	9.27	
I5860-10	8	10052			
I5896-01	8.4	21717	20050	11.76	
I5896-01	8	18382			