

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
BLANK	64387			TOC	
250mg/l	876024			TOC	
500mg/l	1673068			TOC	
1000mg/l.....	3322858...	..	...	TOC	..
2000mg/l	6359616			TOC	
ICV	948.4407			TOC	
ICB.....	11.3492...	..	...	TOC	..
CCV	903.9429			TOC	
CCB	11.3460			TOC	
LB92369BLS.....	8.5620...	..	...	TOC	..
LB92369BLS	13.8049			TOC	
LB92369BSS	958.2451			TOC	
LB92369BSS.....	966.0878...	..	...	TOC	..
I7056-01	15223.6250			TOC	
I7056-01	15118.6719			TOC	
I7056-01.....	15402.9395...	..	...	TOC	..
I7056-01	17401.6113			TOC	
I7056-01DUP	17181.7188			TOC	
I7056-01DUP.....	16706.7383...	..	...	TOC	..
I7056-01MS	18834.9512			TOC	
I7056-01MS	19891.6191			TOC	
I6973-02.....	24463.5918...	..	...	TOC	..
I6973-02	26971.9023			TOC	
CCV	932.7455			TOC	
CCB.....	44.1759...	..	...	TOC	..

Method ID		Sample Type		Vial Timestamp		Message	
=====							
Boat	Sampler	TOC	Standard	2017/12/26	10:03	Low Sample Detected	
Boat	Sampler	TOC	Standard	2017/12/26	10:06		
Boat	Sampler	TOC	Standard	2017/12/26	10:09		
Boat	Sampler	...	TOC Standard	..	..2017/12/26 10:14	..	
Boat	Sampler	TOC	Standard	2017/12/26	10:19		
Boat	Sampler		Sample	2017/12/26	10:34		
Boat	Sampler	...	Sample	..	..2017/12/26 10:38	..	Low Sample Detected
Boat	Sampler		Sample	2017/12/26	10:42		
Boat	Sampler		Sample	2017/12/26	10:47	Low Sample Detected	
Boat	Sampler	...	Sample	..	..2017/12/26 10:51	..	Low Sample Detected
Boat	Sampler		Sample	2017/12/26	10:55	Low Sample Detected	
Boat	Sampler		Sample	2017/12/26	10:58		
Boat	Sampler	...	Sample	..	..2017/12/26 11:01	..	
Boat	Sampler		Sample	2017/12/26	11:12	Max Integration Time Reached	
Boat	Sampler		Sample	2017/12/26	11:19		
Boat	Sampler	...	Sample	..	..2017/12/26 11:26	..	
Boat	Sampler		Sample	2017/12/26	11:35	Max Integration Time Reached	
Boat	Sampler		Sample	2017/12/26	11:57	Max Integration Time Reached	
Boat	Sampler	...	Sample	..	..2017/12/26 12:04	..	Max Integration Time Reached
Boat	Sampler		Sample	2017/12/26	12:14	Max Integration Time Reached	
Boat	Sampler		Sample	2017/12/26	12:28		
Boat	Sampler	...	Sample	..	..2017/12/26 12:43	..	Max Integration Time Reached
Boat	Sampler		Sample	2017/12/26	12:50	Max Integration Time Reached	
Boat	Sampler		Sample	2017/12/26	12:58		
Boat	Sampler	...	Sample	..	..2017/12/26 13:01	..	

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   12260959
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:03
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			64387	0.604	0.764	120

Last Message: Low Sample Detected
=====

```
Sample ID:   250mg/l                      Mode:      TOC
Method:      Boat Sampler                Filename:   12261003
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:06
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			876024	0.599	1.595	69

```
Sample ID:   500mg/l                      Mode:      TOC
Method:      Boat Sampler                Filename:   12261007
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:09
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1673068	0.598	1.597	75

```
Sample ID:   1000mg/l                     Mode:      TOC
Method:      Boat Sampler                Filename:   12261011
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:14
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3322858	0.704	1.701	107

```
Sample ID:   2000mg/l                     Mode:      TOC
Method:      Boat Sampler                Filename:   12261015
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:19
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			6359616	0.615	1.615	144

```
Sample ID:   ICV                          Mode:      TOC
Method:      Boat Sampler                Filename:   12261032
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:34
Operator ID: AP AK                        Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	948.4407	37.9376	2987840	1.036	2.033	74

```
Sample ID:   ICB                          Mode:      TOC
Method:      Boat Sampler                Filename:   12261035
Cal. Curve:  TOC SOIL                    Timestamp: 2017/12/26 10:38
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.3492	0.4540	35753	0.826	0.737	120

Last Message: Low Sample Detected
=====

Sample ID:	CCV	Mode:	TOC
Method:	Boat Sampler	Filename:	12261039
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 10:42
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	903.9429	36.1577	2847661	1.311	2.301	67

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 12261042
Timestamp: 2017/12/26 10:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.3460	0.4538	35743	0.624	0.655	120

Last Message: Low Sample Detected
=====

Sample ID:	LB92369BLS	Mode:	TOC
Method:	Boat Sampler	Filename:	12261048
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 10:51
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.5620	0.3425	26973	0.659	0.669	120

Last Message: Low Sample Detected
=====

Sample ID:	LB92369BLS	Mode:	TOC
Method:	Boat Sampler	Filename:	12261052
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 10:55
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.8049	0.5522	43489	0.615	0.637	120

Last Message: Low Sample Detected
=====

Sample ID:	LB92369BSS	Mode:	TOC
Method:	Boat Sampler	Filename:	12261056
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 10:58
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	958.2451	38.3298	3018727	0.575	1.571	81

Sample ID: LB92369BSS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Mode: TOC
Filename: 12261059
Timestamp: 2017/12/26 11:01

Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	966.0878	38.6435	3043433	0.689	1.686	82

Sample ID: I7056-01 Mode: TOC
Method: Boat Sampler Filename: 12261105
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 11:12
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15223.6250	129.4008	10191174	1.427	5.474	240

Last Message: Max Integration Time Reached

Sample ID: I7056-01 Mode: TOC
Method: Boat Sampler Filename: 12261113
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 11:19
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15118.6719	131.5324	10359055	1.631	2.631	236

Sample ID: I7056-01 Mode: TOC
Method: Boat Sampler Filename: 12261120
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 11:2
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15402.9395	134.0056	10553830	1.569	2.567	202

Sample ID: I7056-01 Mode: TOC
Method: Boat Sampler Filename: 12261127
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 11:35
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17401.6113	149.6539	11786236	1.364	4.764	240

Last Message: Max Integration Time Reached

Sample ID: I7056-01DUP Mode: TOC
Method: Boat Sampler Filename: 12261150
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 11:57
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	17181.7188	149.4809	11772618	1.361	5.328	240

Last Message: Max Integration Time Reached

Sample ID: I7056-01DUP Mode: TOC
Method: Boat Sampler Filename: 12261158
Cal. Curve: TOC SOIL Timestamp: 2017/12/26 12:04
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	16706.7383	145.3486	11447170	1.065	2.985	240

Last Message: Max Integration Time Reached
=====

Sample ID:	I7056-01MS	Mode:	TOC
Method:	Boat Sampler	Filename:	12261207
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 12:14
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	18834.9512	145.0291	11422007	1.259	2.302	240

Last Message: Max Integration Time Reached
=====

Sample ID:	I7056-01MS	Mode:	TOC
Method:	Boat Sampler	Filename:	12261222
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 12:28
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	19891.6191	171.0679	13472737	1.402	2.395	216

Sample ID:	I6973-02	Mode:	TOC
Method:	Boat Sampler	Filename:	12261237
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 12:43
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	24463.5918	225.0650	17725368	1.486	13.802	240

Last Message: Max Integration Time Reached
=====

Sample ID:	I6973-02	Mode:	TOC
Method:	Boat Sampler	Filename:	12261244
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 12:50
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26971.9023	256.2331	20180058	1.441	14.159	240

Last Message: Max Integration Time Reached
=====

Sample ID:	CCV	Mode:	TOC
Method:	Boat Sampler	Filename:	12261256
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 12:58
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	932.7455	37.3098	2938396	1.191	2.185	72

Sample ID:	CCB	Mode:	TOC
Method:	Boat Sampler	Filename:	12261259
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/26 13:01
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	44.1759	1.7670	139166	0.727	1.720	45
=====						

Cal. Curve ID: TOC SOIL
Created: 2017/12/26 10:20
Calibration Factor (m): 7.876e+04
Y Intercept (b): 96491
r-squared: 0.99967

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	64387	0.000	-0.408	Low Sample De	2017/12/26 10:03
250mg/l	876024	10.000	9.898		2017/12/26 10:06
500mg/l	1673068	20.000	20.018		2017/12/26 10:09
1000mg/l	3322858	40.000	40.966		2017/12/26 10:14
2000mg/l	6359616	80.000	79.525		2017/12/26 10:19

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
LB92369BLS	40	8.5	11	29.60	1083.03 which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicates I5026-02 SAMPLE run on 9/8/2017
LB92369BLS	40	13			
LB92369BSS	40	958	962	0.59	
LB92369BSS	40	966			
I7056-01	8.5	15223	15786	6.86	
I7056-01	8.7	15118			
I7056-01	8.7	15402			
I7056-01	8.6	17401			
I7056-01DUP	8.7	17181	16944	1.98	
I7056-01DUP	8.7	16706			
I7056-01MS	7.7	18834	19363	3.86	
I7056-01MS	8.6	19891			
I6973-02	9.2	24463	25717	6.90	
I6973-02	9.5	26971			