

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
CCV	1020.5930			TOC	
CCB	23.2320			TOC	
LB91969BLS	12.8193			TOC	
LB91969BLS.....	15.4005...	..	...	TOC	..
LB91969BSS	1014.1503			TOC	
LB91969BSS	1029.3557			TOC	
I6705-02.....	21972.6797...	..	...	TOC	..
I6705-02	21831.8164			TOC	
I6705-02	21152.4004			TOC	
I6705-02.....	26553.4727...	..	...	TOC	..
I6705-02DUP	25958.6191			TOC	
I6705-02DUP	26260.7480			TOC	
I6705-02MS.....	23226.7832...	..	...	TOC	..
I6705-02MS	24440.5117			TOC	
CCV	1032.1348			TOC	
CCB.....	19.3014...	..	...	TOC	..

Method ID		Sample Type	Vial Timestamp		Message
=====					
Boat	Sampler	Sample		2017/12/06 11:06	
Boat	Sampler	Sample		2017/12/06 11:11	Low Sample Detected
Boat	Sampler	Sample		2017/12/06 11:14	
Boat	Sampler	...Sample	..	..2017/12/06 11:18	..Low Sample Detected
Boat	Sampler	Sample		2017/12/06 11:23	
Boat	Sampler	Sample		2017/12/06 11:27	
Boat	Sampler	...Sample	..	..2017/12/06 11:35	..Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 11:43	Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 11:50	Max Integration Time Reached
Boat	Sampler	...Sample	..	..2017/12/06 11:58	..Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 12:08	Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 12:17	Max Integration Time Reached
Boat	Sampler	...Sample	..	..2017/12/06 12:36	..Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 12:45	Max Integration Time Reached
Boat	Sampler	Sample		2017/12/06 12:59	
Boat	Sampler	...Sample	..	..2017/12/06 13:03	..Low Sample Detected

```
=====
Sample ID:   CCV                               Mode:      TOC
Method:      Boat Sampler                     Filename:   12061103
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:06
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1020.5930	40.8237	3782649	0.900	1.898	127

```
=====
```

```
Sample ID:   CCB                               Mode:      TOC
Method:      Boat Sampler                     Filename:   12061107
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:11
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	23.2320	0.9293	86106	0.866	1.178	120

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
Sample ID:   LB91969BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   12061112
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:14
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	12.8193	0.5128	47513	0.887	1.880	48

```
=====
```

```
Sample ID:   LB91969BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   12061115
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:18
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	15.4005	0.6160	57079	0.956	1.076	120

```
-----
```

Last Message: Low Sample Detected

```
=====
```

```
Sample ID:   LB91969BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   12061120
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:23
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1014.1503	40.5660	3758771	0.909	1.908	126

```
=====
```

```
Sample ID:   LB91969BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   12061124
Cal. Curve:  TOC SOIL                         Timestamp:  2017/12/06 11:27
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1029.3557	41.1742	3815127	1.071	2.069	122

```
=====
```

```
Sample ID:   I6705-02                         Mode:      TOC
```

Method:	Boat Sampler	Filename:	12061128
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 11:35
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21972.6797	215.3323	19952284	2.321	20.981	240

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

Sample ID:	I6705-02	Mode:	TOC
Method:	Boat Sampler	Filename:	12061137
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 11:43
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21831.8164	207.4022	19217504	2.888	16.415	240

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

Sample ID:	I6705-02	Mode:	TOC
Method:	Boat Sampler	Filename:	12061144
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 11:50
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	21152.4004	207.2935	19207430	2.423	14.581	240

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

Sample ID:	I6705-02	Mode:	TOC
Method:	Boat Sampler	Filename:	12061151
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 11:58
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26553.4727	262.8794	24357910	2.457	24.671	240

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

Sample ID:	I6705-02DUP	Mode:	TOC
Method:	Boat Sampler	Filename:	12061201
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 12:08
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	25958.6191	256.9903	23812240	2.435	25.167	240

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

Sample ID:	I6705-02DUP	Mode:	TOC
Method:	Boat Sampler	Filename:	12061209
Cal. Curve:	TOC SOIL	Timestamp:	2017/12/06 12:17
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	26260.7480	254.7293	23602736	2.527	30.937	240

Last Message: Max Integration Time Reached

```
=====
Sample ID:   I6705-02MS           Mode:      TOC
Method:      Boat Sampler          Filename:   12061230
Cal. Curve:  TOC SOIL             Timestamp: 2017/12/06 12:36
Operator ID: AP AK                 Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	23226.7832	227.6225	21091072	3.033	18.144	240

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

```
Sample ID:   I6705-02MS           Mode:      TOC
Method:      Boat Sampler          Filename:   12061238
Cal. Curve:  TOC SOIL             Timestamp: 2017/12/06 12:45
Operator ID: AP AK                 Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	24440.5117	237.0730	21966736	2.597	23.132	241

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

```
Sample ID:   CCV                  Mode:      TOC
Method:      Boat Sampler          Filename:   12061256
Cal. Curve:  TOC SOIL             Timestamp: 2017/12/06 12:59
Operator ID: AP AK                 Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1032.1348	41.2854	3825427	1.422	2.419	117

```
Sample ID:   CCB                  Mode:      TOC
Method:      Boat Sampler          Filename:   12061300
Cal. Curve:  TOC SOIL             Timestamp: 2017/12/06 13:03
Operator ID: AP AK                 Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	19.3014	0.7721	71537	1.214	1.436	120

Last Message: Low Sample Detected
=====

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====					
BLANK	72271			TOC	
250mg/l	952874			TOC	
500mg/l	1884859			TOC	
1000mg/l.....	3764083...	..	...	TOC	..
2000mg/l	7461318			TOC	
ICV	925.8488			TOC	
ICB.....	20.2760...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2017/11/06 13:24	Low Sample Detected
Boat Sampler	TOC Standard		2017/11/06 13:28	
Boat Sampler	TOC Standard		2017/11/06 13:32	
Boat Sampler	...TOC Standard	..	..2017/11/06 13:37	..
Boat Sampler	TOC Standard		2017/11/06 13:51	
Boat Sampler	Sample		2017/11/06 13:56	
Boat Sampler	...Sample	..	..2017/11/06 14:00	..Low Sample Detected

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   11061321
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:24
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			72271	0.806	0.974	120

Last Message: Low Sample Detected
=====

```
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   11061325
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:28
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			952874	0.724	1.721	77

```
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   11061329
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:32
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1884859	0.764	1.764	95

```
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   11061333
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:37
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3764083	0.769	1.768	131

```
Sample ID:   2000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   11061347
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:51
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			7461318	0.790	1.790	214

```
Sample ID:   ICV                        Mode:      TOC
Method:      Boat Sampler                Filename:   11061352
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 13:56
Operator ID: AP AK                       Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	925.8488	37.0340	3431497	1.049	2.047	116

```
Sample ID:   ICB                        Mode:      TOC
Method:      Boat Sampler                Filename:   11061357
Cal. Curve:  TOC SOIL                   Timestamp: 2017/11/06 14:00
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	20.2760	0.8110	75149	0.949	1.029	120

Last Message: Low Sample Detected
=====

Cal. Curve ID: TOC SOIL
Created: 2017/11/06 13:52
Calibration Factor (m): 9.266e+04
Y Intercept (b): 47337
r-squared: 0.99996

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	72271	0.000	0.269	Low Sample De	2017/11/06 13:24
250mg/l	952874	10.000	9.773		2017/11/06 13:28
500mg/l	1884859	20.000	19.831		2017/11/06 13:32
1000mg/l	3764083	40.000	40.112		2017/11/06 13:37
2000mg/l	7461318	80.000	80.014		2017/11/06 13:51

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
LB91969BLS	40	12	14	15.71	2476.67 which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicates I5026-02 SAMPLE run on 9/8/2017
LB91969BLS	40	15			
LB91969BSS	40	1014	1022	1.04	
LB91969BSS	40	1029			
I6705-02	9.8	21972	22877	10.83	
I6705-02	9.5	21831			
I6705-02	9.8	21152			
I6705-02	9.9	26553			
I6705-02DUP	9.9	25958	26109	0.82	
I6705-02DUP	9.7	26260			
I6705-02MS	9.8	23226	23833	3.60	
I6705-02MS	9.7	24440			