

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
CCV	988.1514			TOC	
CCB	3.3879			TOC	
LB101776BLS	4.9499			TOC	
LB101776BLS.....	4.0911...	..	...	TOC	..
LB101776BSS	1104.4027			TOC	
LB101776BSS	1023.6765			TOC	
K2090-02.....	72853.8516...	..	...	TOC	..
K2090-02	68973.1250			TOC	
K2090-02	70076.0938			TOC	
K2090-02.....	72885.9844...	..	...	TOC	..
K2185-02	85538.3828			TOC	
K2185-02	76527.7188			TOC	
K2185-02DUP.....	81134.6484...	..	...	TOC	..
K2185-02DUP	79870.9375			TOC	
K2185-02MS	97549.1641			TOC	
K2185-02MS.....	77844.1406...	..	...	TOC	..
K2185-02MSD	81720.7969			TOC	
K2185-02MSD	86269.7812			TOC	
CCV.....	1044.1790...	..	...	TOC	..
CCB	6.7582			TOC	

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	Sample		2019/04/01 10:15	
Boat Sampler	Sample		2019/04/01 10:20	Low Sample Detected
Boat Sampler	Sample		2019/04/01 10:24	Low Sample Detected
Boat Sampler	...Sample	..	..2019/04/01 10:26	..
Boat Sampler	Sample		2019/04/01 10:32	
Boat Sampler	Sample		2019/04/01 10:37	
Boat Sampler	...Sample	..	..2019/04/01 10:58	..Over-range
Boat Sampler	Sample		2019/04/01 11:08	Over-range
Boat Sampler	Sample		2019/04/01 11:18	Over-range
Boat Sampler	...Sample	..	..2019/04/01 11:29	..Over-range
Boat Sampler	Sample		2019/04/01 12:09	Over-range
Boat Sampler	Sample		2019/04/01 12:18	Over-range
Boat Sampler	...Sample	..	..2019/04/01 12:28	..Over-range
Boat Sampler	Sample		2019/04/01 12:37	Over-range
Boat Sampler	Sample		2019/04/01 13:09	Over-range
Boat Sampler	...Sample	..	..2019/04/01 13:20	..Over-range
Boat Sampler	Sample		2019/04/01 13:49	Over-range
Boat Sampler	Sample		2019/04/01 14:00	Over-range
Boat Sampler	...Sample	..	..2019/04/01 14:27	..
Boat Sampler	Sample		2019/04/01 14:30	

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Sample ID:   CCV                               Mode:      TOC
Method:      Boat Sampler                     Filename:   04011011
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:15
Operator ID: AP AK                            Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	988.1514	39.5261	10857585	-0.980	0.020	233

```
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```

```
Sample ID:   CCB                               Mode:      TOC
Method:      Boat Sampler                     Filename:   04011016
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:20
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	3.3879	0.1355	37226	-0.728	-0.564	120

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Last Message: Low Sample Detected

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```
Sample ID:   LB101776BLS                      Mode:      TOC
Method:      Boat Sampler                     Filename:   04011021
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:24
Operator ID: AP AK                            Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.9499	0.1980	54389	-0.933	-0.715	120

```
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```

Last Message: Low Sample Detected

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```

```
Sample ID:   LB101776BLS                      Mode:      TOC
Method:      Boat Sampler                     Filename:   04011024
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:26
Operator ID: AP AK                            Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4.0911	0.1636	44952	-0.638	0.357	83

```
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```

```
Sample ID:   LB101776BSS                      Mode:      TOC
Method:      Boat Sampler                     Filename:   04011027
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:32
Operator ID: AP AK                            Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1104.4027	44.1761	12134928	-0.715	0.285	223

```
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```

```
Sample ID:   LB101776BSS                      Mode:      TOC
Method:      Boat Sampler                     Filename:   04011032
Cal. Curve:  TOC SOIL                         Timestamp: 2019/04/01 10:37
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	1023.6765	40.9471	11247927	-0.751	0.248	211

```
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```
Sample ID:   K2090-02                        Mode:      TOC
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Method:	Boat Sampler	Filename:	04011050
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 10:58
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	72853.8516	590.1162	162101600	6.897	145.078	360

Last Message: Over-range
=====

Sample ID:	K2090-02	Mode:	TOC
Method:	Boat Sampler	Filename:	04011059
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 11:08
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	68973.1250	551.7850	151572224	3.709	70.843	360

Last Message: Over-range
=====

Sample ID:	K2090-02	Mode:	TOC
Method:	Boat Sampler	Filename:	04011109
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 11:18
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	70076.0938	574.6240	157845968	1.503	74.820	360

Last Message: Over-range
=====

Sample ID:	K2090-02	Mode:	TOC
Method:	Boat Sampler	Filename:	04011121
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 11:29
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	72885.9844	597.6651	164175232	7.085	175.478	360

Last Message: Over-range
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Sample ID:	K2185-02	Mode:	TOC
Method:	Boat Sampler	Filename:	04011201
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 12:09
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	85538.3828	684.3071	187975312	4.156	98.176	360

Last Message: Over-range
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Sample ID:	K2185-02	Mode:	TOC
Method:	Boat Sampler	Filename:	04011210
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 12:18
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	76527.7188	627.5273	172378208	4.395	105.839	360

Last Message: Over-range

Sample ID: K2185-02DUP Mode: TOC
Method: Boat Sampler Filename: 04011219
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 12:28
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	81134.6484	665.3041	182755296	5.767	122.977	359

Last Message: Over-range

Sample ID: K2185-02DUP Mode: TOC
Method: Boat Sampler Filename: 04011228
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 12:37
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	79870.9375	758.7739	208430928	0.815	203.888	360

Last Message: Over-range

Sample ID: K2185-02MS Mode: TOC
Method: Boat Sampler Filename: 04011259
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 13:09
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	97					
549.1641	614.5598	168816112	2.485	83.466	360	

Last Message: Over-range

Sample ID: K2185-02MS Mode: TOC
Method: Boat Sampler Filename: 04011311
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 13:20
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	77844.1406	552.6934	151821776	5.108	92.023	360

Last Message: Over-range

Sample ID: K2185-02MSD Mode: TOC
Method: Boat Sampler Filename: 04011340
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 13:49
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	81720.7969	539.3573	148158416	0.227	57.214	360

Last Message: Over-range

Sample ID: K2185-02MSD Mode: TOC
Method: Boat Sampler Filename: 04011350
Cal. Curve: TOC SOIL Timestamp: 2019/04/01 14:00
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	86269.7812	560.7536	154035856	1.467	84.928	360

Last Message: Over-range

Sample ID:	CCV	Mode:	TOC
Method:	Boat Sampler	Filename:	04011422
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 14:27
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1044.1790	41.7672	11473204	0.260	1.259	178

Sample ID:	CCB	Mode:	TOC
Method:	Boat Sampler	Filename:	04011428
Cal. Curve:	TOC SOIL	Timestamp:	2019/04/01 14:30
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.7582	0.2703	74258	-0.390	0.609	92

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====					
BLANK	70118			TOC	
250mg/l	3074029			TOC	
500mg/l	6147335			TOC	
1000mg/l.....	11645519...	..	...	TOC	..
2000mg/l	22147596			TOC	
ICV	1063.0293			TOC	
ICB.....	19.7333...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2019/03/08 10:22	
Boat Sampler	TOC Standard		2019/03/08 10:27	
Boat Sampler	TOC Standard		2019/03/08 10:41	
Boat Sampler	...TOC Standard	..	..2019/03/08 11:20	..
Boat Sampler	TOC Standard		2019/03/08 11:29	
Boat Sampler	Sample		2019/03/08 11:37	
Boat Sampler	...Sample	..	..2019/03/08 11:41	..

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Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   03081020
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 10:22
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			70118	1.508	2.505	90

```
=====
```

```
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   03081024
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 10:27
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3074029	3.441	4.437	134

```
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```

```
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   03081037
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 10:41
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			6147335	0.442	1.442	210

```
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```

```
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   03081105
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 11:20
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			11645519	0.972	1.970	250

```
=====
```

```
Sample ID:   2000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   03081123
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 11:29
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			22147596	0.401	2.008	300

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Last Message: Max Integration Time Reached

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```

```
Sample ID:   ICV                        Mode:      TOC
Method:      Boat Sampler                Filename:   03081130
Cal. Curve:  TOC SOIL                   Timestamp: 2019/03/08 11:37
Operator ID: AP AK                       Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1063.0293	42.5212	11680326	0.342	1.407	300

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```

Last Message: Max Integration Time Reached

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```
Sample ID:   ICB                        Mode:      TOC
```

```
Filename:      03081138
Timestamp:     2019/03/08 11:41
Sample Type:   Sample
```

Cal. Curve ID: TOC SOIL
Created: 2019/03/08 11:30
Calibration Factor (m): 2.747e+05
Y Intercept (b): 376088
r-squared: 0.99903

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	70118	0.000	-1.114		2019/03/08 10:22
250mg/l	3074029	10.000	9.822		2019/03/08 10:27
500mg/l	6147335	20.000	21.010		2019/03/08 10:41
1000mg/l	11645519	40.000	41.025		2019/03/08 11:20
2000mg/l	22147596	80.000	79.257		2019/03/08 11:29

CHEMTECH					
SOP ID: MLLOYD KAHN-TOC			Analyst: AK		
QA Control Code: A2040083			Balance ID : WC SC-5		
Sample ID	Weight (mg)	Results (PPM)	Range-Results (PPM)	RSD	STDEV
LB101776BLS	40	4.9	4	14.30	
LB101776BLS	40	4			
LB101776BSS	40	1104	1064	5.39	
LB101776BSS	40	1023			
K2090-02	8.1	72853	71197	2.78	1982.80
K2090-02	8	68973			which is less than 3X2874.86 =8624.58
K2090-02	8.2	70076			
K2090-02	8.2	72885			
K2090-02	8.2	72885			
K2185-02	8.2	85538	81033	7.86	* 2874.86 is STDEV for 15 replicat
K2185-02	8.2	76527			
K2185-02DUP	8.2	81134	80502	1.11	
K2185-02DUP	9.5	79870			
K2185-02MS	6.3	97549	87697	15.89	I5026-02 SAMPLE
K2185-02MS	7.1	77844			
K2185-02MSD	6.6	81720	83995	3.83	run on
K2185-02MSD	6.5	86269			9/8/2017