

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
CCV	1071.6990			TOC	
CCB	6.0025			TOC	
LB95669BLS	5.2613			TOC	
LB95669BLS.....	10.9469...	..	...	TOC	..
LB95669BSS	1000.9839			TOC	
LB95669BSS	1015.5159			TOC	
J3164-01.....	5676.0967...	..	...	TOC	..
J3164-01	5367.3188			TOC	
J3164-01	4194.9082			TOC	
J3164-01.....	4703.6909...	..	...	TOC	..
J3164-01DUP	5269.3882			TOC	
J3164-01DUP	5552.5322			TOC	
J3164-01MS.....	5628.2319...	..	...	TOC	..
J3164-01MS	5124.1929			TOC	
J3164-01MSD	5188.0879			TOC	
J3164-01MSD.....	5307.8677...	..	...	TOC	..
J3164-02	3237.2585			TOC	
J3164-02	2810.9485			TOC	
J3164-06.....	7249.0898...	..	...	TOC	..
J3164-06	6867.9624			TOC	
CCV	1037.9830			TOC	
CCB.....	9.6603...	..	...	TOC	..

Method ID		Sample Type		Vial Timestamp		Message	
=====							
Boat	Sampler	Sample		2018/05/29	09:52		
Boat	Sampler	Sample		2018/05/29	09:56	Low	Sample Detected
Boat	Sampler	Sample		2018/05/29	10:00	Low	Sample Detected
Boat	Sampler	...Sample	..	..2018/05/29	10:03	..	
Boat	Sampler	Sample		2018/05/29	10:17		
Boat	Sampler	Sample		2018/05/29	10:25		
Boat	Sampler	...Sample	..	..2018/05/29	10:32	..	
Boat	Sampler	Sample		2018/05/29	10:36		
Boat	Sampler	Sample		2018/05/29	10:41		
Boat	Sampler	...Sample	..	..2018/05/29	10:45	..	
Boat	Sampler	Sample		2018/05/29	10:54		
Boat	Sampler	Sample		2018/05/29	11:00		
Boat	Sampler	...Sample	..	..2018/05/29	11:16	..	
Boat	Sampler	Sample		2018/05/29	11:28		
Boat	Sampler	Sample		2018/05/29	11:34		
Boat	Sampler	...Sample	..	..2018/05/29	11:44	..	
Boat	Sampler	Sample		2018/05/29	12:18		
Boat	Sampler	Sample		2018/05/29	12:23		
Boat	Sampler	...Sample	..	..2018/05/29	12:29	..	
Boat	Sampler	Sample		2018/05/29	12:35		
Boat	Sampler	Sample		2018/05/29	12:44		
Boat	Sampler	...Sample	..	..2018/05/29	12:49	..Low	Sample Detected

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=====
Sample ID:   CCV                               Mode:      TOC
Method:      Boat Sampler                     Filename:   05290949
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 09:52
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1071.6990	42.8680	7468729	-0.968	0.028	152

```
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```
Sample ID:   CCB                               Mode:      TOC
Method:      Boat Sampler                     Filename:   05290953
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 09:56
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	6.0025	0.2401	41832	-0.889	-0.836	120

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Last Message: Low Sample Detected

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```
Sample ID:   LB95669BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   05290957
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 10:00
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	5.2613	0.2105	36666	-1.008	-0.852	120

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Last Message: Low Sample Detected

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```
Sample ID:   LB95669BLS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   05291001
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 10:03
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.9469	0.4379	76290	-0.941	0.047	66

```
=====
```

```
Sample ID:   LB95669BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   05291013
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 10:17
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1000.9839	40.0394	6975912	-0.431	0.568	166

```
=====
```

```
Sample ID:   LB95669BSS                       Mode:      TOC
Method:      Boat Sampler                     Filename:   05291021
Cal. Curve:  TOC SOIL                         Timestamp: 2018/05/29 10:25
Operator ID: AP AK                           Sample Type: Sample
=====
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1015.5159	40.6206	7077186	-0.611	0.386	154

```
=====
```

```
Sample ID:   J3164-01                         Mode:      TOC
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Method:	Boat Sampler	Filename:	05291028
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 10:32
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5676.0967	56.1934	9790365	2.065	3.052	79

=====

Sample ID:	J3164-01	Mode:	TOC
Method:	Boat Sampler	Filename:	05291033
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 10:36
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5367.3188	53.6732	9351285	2.880	3.856	75

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Sample ID:	J3164-01	Mode:	TOC
Method:	Boat Sampler	Filename:	05291037
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 10:41
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4194.9082	41.5296	7235550	1.753	2.750	71

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Sample ID:	J3164-01	Mode:	TOC
Method:	Boat Sampler	Filename:	05291041
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 10:45
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	4703.6909	47.0369	8195070	3.200	4.170	63

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Sample ID:	J3164-01DUP	Mode:	TOC
Method:	Boat Sampler	Filename:	05291047
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 10:54
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5269.3882	52.6939	9180664	0.550	1.549	130

=====

Sample ID:	J3164-01DUP	Mode:	TOC
Method:	Boat Sampler	Filename:	05291055
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 11:00
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5552.5322	54.9701	9577236	0.242	1.241	97

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Sample ID:	J3164-01MS	Mode:	TOC
Method:	Boat Sampler	Filename:	05291110
Cal. Curve:	TOC SOIL	Timestamp:	2018/05/29 11:16
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5628.2319	50.6541	8825278	1.268	2.264	99

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Sample ID: J3164-01MS Mode: TOC
Method: Boat Sampler Filename: 05291123
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 11:28
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5124.1929	42.5308	7409987	2.876	3.870	79

Sample ID: J3164-01MSD Mode: TOC
Method: Boat Sampler Filename: 05291129
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 11:34
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5188.0879	43.5799	7592775	0.108	1.105	124

Sample ID: J3164-01MSD Mode: TOC
Method: Boat Sampler Filename: 05291140
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 11:44
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5307.8677	45.1169	7860550	3.084	4.070	70

Sample ID: J3164-02 Mode: TOC
Method: Boat Sampler F
Filename: 05291215
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 12:18
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	3237.2585	26.5455	4624930	1.213	2.193	68

Sample ID: J3164-02 Mode: TOC
Method: Boat Sampler Filename: 05291219
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 12:23
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2810.9485	23.0498	4015879	2.417	3.403	63

Sample ID: J3164-06 Mode: TOC
Method: Boat Sampler Filename: 05291226
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 12:29
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	7249.0898	63.0671	10987949	2.774	3.761	97

Sample ID: J3164-06 Mode: TOC
Method: Boat Sampler Filename: 05291230
Cal. Curve: TOC SOIL Timestamp: 2018/05/29 12:35
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6867.9624	59.7513	10410248	0.477	1.476	123

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

Mode: TOC
Filename: 05291241
Timestamp: 2018/05/29 12:44
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1037.9830	41.5193	7233761	0.501	1.498	131

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

Mode: TOC
Filename: 05291246
Timestamp: 2018/05/29 12:49
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	9.6603	0.3864	67323	-0.665	-0.161	120

Last Message: Low Sample Detected

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
LB95669BLS	40	5.2	8	50.07	
LB95669BLS	40	10.9			
LB95669BSS	40	1000	1008	1.05	
LB95669BSS	40	1015			
J3164-01	9.9	5676	4985	13.35	665.48
J3164-01	10	5367			which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicates I5026-02 SAMPLE run on 9/8/2017
J3164-01	9.9	4194			
J3164-01	10	4703			
J3164-01DUP	10	5269	5411	3.70	
J3164-01DUP	9.9	5552			
J3164-01MS	9	5628	5376	6.63	
J3164-01MS	8.3	5124			
J3164-01MSD	8.4	5188	5248	1.60	
J3164-01MSD	8.5	5307			
J3164-02	8.2	3237	3024	9.99	
J3164-02	8.2	2810			
J3164-06	8.7	7249	7058	3.83	
J3164-06	8.7	6867			

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
BLANK	71224			TOC	
250mg/l	1783081			TOC	
500mg/l	3599706			TOC	
1000mg/l.....	7014175...	..	...	TOC	..
2000mg/l	14011184			TOC	
ICV	960.3749			TOC	
ICB.....	13.3473...	..	...	TOC	..

Method ID	Sample Type	Vial	Timestamp	Message
Boat Sampler	TOC Standard		2018/05/04 09:51	Low Sample Detected
Boat Sampler	TOC Standard		2018/05/04 09:57	
Boat Sampler	TOC Standard		2018/05/04 10:02	
Boat Sampler	...TOC Standard	..	..2018/05/04 10:13	..
Boat Sampler	TOC Standard		2018/05/04 10:19	
Boat Sampler	Sample		2018/05/04 10:27	
Boat Sampler	...Sample	..	..2018/05/04 10:32	..

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=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   05040949
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 09:51
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			71224	0.058	0.455	120

Last Message: Low Sample Detected
=====

```
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   05040954
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 09:57
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1783081	0.057	1.053	98

```
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   05040959
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 10:02
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3599706	-0.023	0.974	122

```
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   05041009
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 10:13
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			7014175	0.001	1.000	157

```
Sample ID:   2000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   05041015
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 10:19
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			14011184	-0.051	0.949	199

```
Sample ID:   ICV                        Mode:      TOC
Method:      Boat Sampler                Filename:   05041022
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 10:27
Operator ID: AP AK                       Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	960.3749	38.4150	6692905	-0.181	0.817	170

```
Sample ID:   ICB                        Mode:      TOC
Method:      Boat Sampler                Filename:   05041030
Cal. Curve:  TOC SOIL                   Timestamp: 2018/05/04 10:32
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	13.3473	0.5339	93018	-0.270	0.728	81

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Cal. Curve ID: TOC SOIL
Created: 2018/05/04 10:21
Calibration Factor (m): 1.742e+05
Y Intercept (b): 69083
r-squared: 0.99997

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	71224	0.000	0.012	Low Sample De	2018/05/04 09:51
250mg/l	1783081	10.000	9.838		2018/05/04 09:57
500mg/l	3599706	20.000	20.265		2018/05/04 10:02
1000mg/l	7014175	40.000	39.862		2018/05/04 10:13
2000mg/l	14011184	80.000	80.023		2018/05/04 10:19