

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====					
BLANK	66158			TOC	
250mg/l	2009837			TOC	
500mg/l	3888016			TOC	
1000mg/l.....	7714974...	..	...	TOC	..
2000mg/l	14952477			TOC	
ICV	1029.8657			TOC	
ICB.....	8.1810...	..	...	TOC	..
CCV	986.0846			TOC	
CCB	11.5161			TOC	
LB98393BLS.....	8.4298...	..	...	TOC	..
LB98393BLS	2.8835			TOC	
LB98393BSS	1044.7578			TOC	
LB98393BSS.....	1013.1802...	..	...	TOC	..
J5165-01	953.0604			TOC	
J5165-01	679.7982			TOC	
J5165-01.....	762.5265...	..	...	TOC	..
J5165-01	942.2972			TOC	
J5165-02	266.4073			TOC	
J5165-02.....	341.5220...	..	...	TOC	..
J5165-03	534.8641			TOC	
J5165-03	683.9847			TOC	
J5165-04.....	488.0117...	..	...	TOC	..
J5165-04	515.3573			TOC	
J5165-05	707.0462			TOC	
J5165-05.....	840.1849...	..	...	TOC	..
J5165-06	451.8905			TOC	
J5165-06	461.5207			TOC	
J5165-06DUP.....	516.4956...	..	...	TOC	..
J5165-06DUP	566.9110			TOC	
J5165-07MS	1532.0027			TOC	
J5165-07MS.....	1545.5306...	..	...	TOC	..
J5165-08MSD	1458.7396			TOC	
J5165-08MSD	1442.4680			TOC	
J5164-04.....	59.3259...	..	...	TOC	..
J5164-04	57.0998			TOC	
J5164-06	59.6939			TOC	
J5164-06.....	60.2672...	..	...	TOC	..
J5164-05	506.4975			TOC	
J5164-05	518.5080			TOC	
CCV.....	1007.0914...	..	...	TOC	..
CCB	10.8780			TOC	

Method ID	Sample Type	Vial	Timestamp	Message
=====				
Boat Sampler	TOC Standard		2018/10/05 09:40	Low Sample Detected
Boat Sampler	TOC Standard		2018/10/05 09:47	
Boat Sampler	TOC Standard		2018/10/05 09:53	
Boat Sampler	...TOC Standard	..	..2018/10/05 09:57	..
Boat Sampler	TOC Standard		2018/10/05 10:05	
Boat Sampler	Sample		2018/10/05 10:17	
Boat Sampler	...Sample	..	..2018/10/05 10:21	..Low Sample Detected
Boat Sampler	Sample		2018/10/05 10:26	
Boat Sampler	Sample		2018/10/05 10:38	
Boat Sampler	...Sample	..	..2018/10/05 10:43	..Low Sample Detected
Boat Sampler	Sample		2018/10/05 10:47	Low Sample Detected
Boat Sampler	Sample		2018/10/05 10:52	
Boat Sampler	...Sample	..	..2018/10/05 10:56	..
Boat Sampler	Sample		2018/10/05 11:12	
Boat Sampler	Sample		2018/10/05 11:21	
Boat Sampler	...Sample	..	..2018/10/05 11:24	..
Boat Sampler	Sample		2018/10/05 11:28	
Boat Sampler	Sample		2018/10/05 11:47	
Boat Sampler	...Sample	..	..2018/10/05 11:59	..
Boat Sampler	Sample		2018/10/05 12:10	
Boat Sampler	Sample		2018/10/05 12:18	
Boat Sampler	...Sample	..	..2018/10/05 12:23	..
Boat Sampler	Sample		2018/10/05 12:26	
Boat Sampler	Sample		2018/10/05 13:05	
Boat Sampler	...Sample	..	..2018/10/05 13:09	..
Boat Sampler	Sample		2018/10/05 13:14	
Boat Sampler	Sample		2018/10/05 13:18	
Boat Sampler	...Sample	..	..2018/10/05 13:22	..
Boat Sampler	Sample		2018/10/05 13:26	
Boat Sampler	Sample		2018/10/05 13:38	
Boat Sampler	...Sample	..	..2018/10/05 13:49	..
Boat Sampler	Sample		2018/10/05 13:53	
Boat Sampler	Sample		2018/10/05 14:00	
Boat Sampler	...Sample	..	..2018/10/05 14:11	..
Boat Sampler	Sample		2018/10/05 14:15	
Boat Sampler	Sample		2018/10/05 14:17	
Boat Sampler	...Sample	..	..2018/10/05 14:20	..
Boat Sampler	Sample		2018/10/05 14:24	
Boat Sampler	Sample		2018/10/05 14:27	
Boat Sampler	...Sample	..	..2018/10/05 14:33	..
Boat Sampler	Sample		2018/10/05 14:41	

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   10050937
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 09:40
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			66158	-0.819	-0.428	120

Last Message: Low Sample Detected
=====

```
Sample ID:   250mg/l                      Mode:      TOC
Method:      Boat Sampler                Filename:   10050944
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 09:47
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			2009837	-0.244	0.751	102

```
Sample ID:   500mg/l                      Mode:      TOC
Method:      Boat Sampler                Filename:   10050950
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 09:53
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3888016	-1.000	-0.001	133

```
Sample ID:   1000mg/l                     Mode:      TOC
Method:      Boat Sampler                Filename:   10050953
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 09:57
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			7714974	-0.951	0.048	184

```
Sample ID:   2000mg/l                     Mode:      TOC
Method:      Boat Sampler                Filename:   10051000
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 10:05
Operator ID: AP AK                        Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			14952477	-0.943	0.053	232

```
Sample ID:   ICV                          Mode:      TOC
Method:      Boat Sampler                Filename:   10051013
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 10:17
Operator ID: AP AK                        Sample Type: Sample
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1029.8657	41.1946	7659235	-0.856	0.141	176

```
Sample ID:   ICB                          Mode:      TOC
Method:      Boat Sampler                Filename:   10051018
Cal. Curve:  TOC SOIL                    Timestamp: 2018/10/05 10:21
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.1810	0.3272	60843	-0.859	-0.580	120

Last Message: Low Sample Detected
=====

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

Mode: TOC
Filename: 10051022
Timestamp: 2018/10/05 10:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	986.0846	39.4434	7333629	-0.971	0.029	176

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

Mode: TOC
Filename: 10051035
Timestamp: 2018/10/05 10:38
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	11.5161	0.4606	85647	-1.053	-0.055	127

Sample ID: LB98393BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10051040
Timestamp: 2018/10/05 10:43
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.4298	0.3372	62694	-1.101	-0.909	120

Last Message: Low Sample Detected
=====

Sample ID: LB98393BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10051044
Timestamp: 2018/10/05 10:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	2.8835	0.1153	21445	-0.961	-0.970	120

Last Message: Low Sample Detected
=====

Sample ID: LB98393BSS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10051048
Timestamp: 2018/10/05 10:52
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1044.7578	41.7903	7769989	-1.100	-0.100	166

Sample ID: LB98393BSS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 10051053
Timestamp: 2018/10/05 10:56
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1013.1802	40.5272	7535143	-0.878	0.121	158

Sample ID: J5165-01 Mode: TOC
Method: Boat Sampler Filename: 10051109
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:12
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	953.0604	8.3869	1559365	1.155	2.149	62

Sample ID: J5165-01 Mode: TOC
Method: Boat Sampler Filename: 10051117
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:21
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	679.7982	5.9822	1112263	-0.961	0.036	72

Sample ID: J5165-01 Mode: TOC
Method: Boat Sampler Filename: 10051122
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:24
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	762.5					
265	6.8627	1275975	0.231	1.215	57	

Sample ID: J5165-01 Mode: TOC
Method: Boat Sampler Filename: 10051125
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:28
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	942.2972	7.6326	1419115	-0.243	0.746	61

Sample ID: J5165-02 Mode: TOC
Method: Boat Sampler Filename: 10051145
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:47
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	266.4073	2.3710	440840	0.918	1.917	49

Sample ID: J5165-02 Mode: TOC
Method: Boat Sampler Filename: 10051157
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 11:59
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	341.5220	3.2786	609586	0.795	1.775	51

Sample ID: J5165-03 Mode: TOC

Method:	Boat Sampler	Filename:	10051207
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 12:10
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	534.8641	3.9045	725957	0.400	1.385	53

=====

Sample ID:	J5165-03	Mode:	TOC
Method:	Boat Sampler	Filename:	10051215
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 12:18
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	683.9847	4.7195	877486	2.352	3.351	54

=====

Sample ID:	J5165-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10051219
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 12:23
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	488.0117	3.9041	725880	1.753	2.734	47

=====

Sample ID:	J5165-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10051223
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 12:26
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	515.3573	3.8652	718645	1.899	2.881	53

=====

Sample ID:	J5165-05	Mode:	TOC
Method:	Boat Sampler	Filename:	10051301
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 13:05
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	707.0462	5.6564	1051677	2.547	3.542	54

=====

Sample ID:	J5165-05	Mode:	TOC
Method:	Boat Sampler	Filename:	10051305
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 13:09
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	840.1849	6.7215	1249711	2.091	3.078	56

=====

Sample ID:	J5165-06	Mode:	TOC
Method:	Boat Sampler	Filename:	10051311
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 13:14
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	451.8905	4.1574	772976	1.786	2.786	54

=====

Sample ID: J5165-06 Mode: TOC
Method: Boat Sampler Filename: 10051315
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:18
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	461.5207	4.5229	840934	3.998	4.975	59

Sample ID: J5165-06DUP Mode: TOC
Method: Boat Sampler Filename: 10051319
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:22
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	516.4956	5.0617	941104	2.395	3.380	45

Sample ID: J5165-06DUP Mode: TOC
Method: Boat Sampler Filename: 10051323
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:26
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	566.9110	5.5557	1032965	1.763	2.742	58

Sample ID: J5165-07MS Mode: TOC
Method: Boat Sampler Filename: 10051335
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:38
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1532.0027	13.7880	2563580	4.527	5.491	64

Sample ID: J5165-07MS Mode: TOC
Method: Boat Sampler Filename: 10051346
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:49
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1545.5306	13.9098	2586217	3.218	4.189	57

Sample ID: J5165-08MSD Mode: TOC
Method: Boat Sampler Filename: 10051350
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 13:53
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1458.7396	13.8580	2576595	2.138	3.127	62

Sample ID: J5165-08MSD Mode: TOC
Method: Boat Sampler Filename: 10051357
Cal. Curve: TOC SOIL Timestamp: 2018/10/05 14:00
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning	Ending	In
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tegration

				Baseline	Baseline	Time
1	1442.4680	12.9822	2413757	2.996	3.988	63

Sample ID:	J5164-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10051409
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:11
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59.3259	2.3730	441214	0.191	1.191	91

Sample ID:	J5164-04	Mode:	TOC
Method:	Boat Sampler	Filename:	10051412
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:15
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57.0998	2.2840	424658	0.143	1.133	126

Sample ID:	J5164-06	Mode:	TOC
Method:	Boat Sampler	Filename:	10051415
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:17
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59.6939	2.3878	443950	-0.040	0.955	87

Sample ID:	J5164-06	Mode:	TOC
Method:	Boat Sampler	Filename:	10051418
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:20
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	60.2672	2.4107	448215	-0.001	0.998	84

Sample ID:	J5164-05	Mode:	TOC
Method:	Boat Sampler	Filename:	10051421
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:24
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	506.4975	20.2599	3766883	-0.255	0.745	124

Sample ID:	J5164-05	Mode:	TOC
Method:	Boat Sampler	Filename:	10051425
Cal. Curve:	TOC SOIL	Timestamp:	2018/10/05 14:27
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	518.5080	20.7403	3856206	0.051	1.049	109

Sample ID:	CCV	Mode:	TOC
Method:	Boat Sampler	Filename:	10051429

Cal. Curve: TOC SOIL
Operator ID: AP AK

Timestamp: 2018/10/05 14:33
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1007.0914	40.2837	7489859	-0.344	0.655	167

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

Mode: TOC
Filename: 10051439
Timestamp: 2018/10/05 14:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.8780	0.4351	80901	-0.324	0.670	81

=====

Cal. Curve ID: TOC SOIL
Created: 2018/10/05 10:06
Calibration Factor (m): 1.859e+05
Y Intercept (b): 148452
r-squared: 0.99979

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	66158	0.000	-0.443	Low Sample De	2018/10/05 09:40
250mg/l	2009837	10.000	10.011		2018/10/05 09:47
500mg/l	3888016	20.000	20.113		2018/10/05 09:53
1000mg/l	7714974	40.000	40.696		2018/10/05 09:57
2000mg/l	14952477	80.000	79.622		2018/10/05 10:05

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
LB98393BLS	40	8.4	6	70.71	
LB98393BLS	40	2.8			
LB98393BSS	40	1044	1029	2.13	
LB98393BSS	40	1013			
J5165-01	8.8	953	834	16.24	135.44
J5165-01	8.8	679			which is less than 3X2874.86 =8624.58 * 2874.86 is STDEV for 15 replicates I5026-02 SAMPLE run on 9/8/2017
J5165-01	9	762			
J5165-01	8.1	942			
J5165-02	8.9	266	304	17.47	
J5165-02	9.6	341			
J5165-03	7.3	534	609	17.31	
J5165-03	6.9	683			
J5165-04	8	488	502	3.81	
J5165-04	7.5	515			
J5165-05	8	707	774	12.16	
J5165-05	8	840			
J5165-06	9.2	451	456	1.55	
J5165-06	9.8	461			
J5165-06DUP	9.8	516	541	6.54	
J5165-06DUP	9.8	566			
J5165-07MS	9	1532	1539	0.60	
J5165-07MS	9	1545			
J5165-08MSD	9.5	1458	1450	0.78	
J5165-08MSD	9	1442			
J5164-04	40	59	58	2.44	
J5164-04	40	57			
J5164-06	40	59	60	1.19	
J5164-06	40	60			
J5164-05	40	506	512	1.66	
J5164-05	40	518			