

Sample ID	Result	Std. Dev.	RSD	Mode	ALT
=====	=====	=====	=====	=====	=====
BLANK	60998			TOC	
250mg/l	1966455			TOC	
500mg/l.....	3733961...	..	...	TOC	..
1000mg/l	7621959			TOC	
2000mg/l	14851247			TOC	
ICV.....	1030.0790...	..	...	TOC	..
ICB	10.9874			TOC	
CCV	1040.0215			TOC	
CCB.....	5.3748...	..	...	TOC	..
LB94171BLS	8.5345			TOC	
LB94171BLS	6.7230			TOC	
LB94171BLS.....	8.8969...	..	...	TOC	..
LB94171BLS	8.4634			TOC	
LB94171BSS	1004.5806			TOC	
LB94171BSS.....	1065.2159...	..	...	TOC	..
LB94171BSS	1067.5424			TOC	
LB94171BSS	1075.0415			TOC	
J1161-01.....	59.0825...	..	...	TOC	..
J1161-01	66.3615			TOC	
J1161-01	59.4096			TOC	
J1161-01.....	54.1023...	..	...	TOC	..
J1161-03	56.6334			TOC	
J1161-03	62.9876			TOC	
J1161-03.....	58.4819...	..	...	TOC	..
J1161-03	60.8510			TOC	
J1161-03	54.5848			TOC	
J1161-03.....	57.8198...	..	...	TOC	..
J1161-03	53.6706			TOC	
J1161-03	57.7446			TOC	
J1161-02.....	523.0354...	..	...	TOC	..
J1161-02	540.7898			TOC	
J1161-02	541.4807			TOC	
J1161-02.....	524.2701...	..	...	TOC	..
CCV	1005.3516			TOC	
CCB	6.6234			TOC	

Method ID	Sample Type	Vial	Timestamp	Message
=====				
Boat Sampler	TOC Standard		2018/03/27 10:14	Low Sample Detected
Boat Sampler	TOC Standard		2018/03/27 10:26	
Boat Sampler	...TOC Standard	..	..2018/03/27 10:29	..
Boat Sampler	TOC Standard		2018/03/27 10:35	
Boat Sampler	TOC Standard		2018/03/27 10:41	
Boat Sampler	...Sample	..	..2018/03/27 10:48	..
Boat Sampler	Sample		2018/03/27 10:53	Low Sample Detected
Boat Sampler	Sample		2018/03/27 11:56	
Boat Sampler	...Sample	..	..2018/03/27 11:58	..
Boat Sampler	Sample		2018/03/27 12:45	Low Sample Detected
Boat Sampler	Sample		2018/03/27 12:47	
Boat Sampler	...Sample	..	..2018/03/27 12:50	..
Boat Sampler	Sample		2018/03/27 12:53	
Boat Sampler	Sample		2018/03/27 12:57	
Boat Sampler	...Sample	..	..2018/03/27 13:07	..
Boat Sampler	Sample		2018/03/27 13:11	
Boat Sampler	Sample		2018/03/27 13:16	
Boat Sampler	...Sample	..	..2018/03/27 13:19	..
Boat Sampler	Sample		2018/03/27 13:23	
Boat Sampler	Sample		2018/03/27 13:26	
Boat Sampler	...Sample	..	..2018/03/27 13:29	..
Boat Sampler	Sample		2018/03/27 13:33	
Boat Sampler	Sample		2018/03/27 13:35	
Boat Sampler	...Sample	..	..2018/03/27 13:38	..
Boat Sampler	Sample		2018/03/27 13:41	
Boat Sampler	Sample		2018/03/27 13:51	
Boat Sampler	...Sample	..	..2018/03/27 13:54	..
Boat Sampler	Sample		2018/03/27 13:57	
Boat Sampler	Sample		2018/03/27 14:00	
Boat Sampler	...Sample	..	..2018/03/27 14:05	..
Boat Sampler	Sample		2018/03/27 14:08	
Boat Sampler	Sample		2018/03/27 14:12	
Boat Sampler	...Sample	..	..2018/03/27 14:15	..
Boat Sampler	Sample		2018/03/27 14:20	
Boat Sampler	Sample		2018/03/27 14:23	

```
=====
Sample ID:   BLANK                      Mode:      TOC
Method:      Boat Sampler                Filename:   03271011
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:14
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			60998	0.497	0.815	120

Last Message: Low Sample Detected
=====

```
=====
Sample ID:   250mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   03271023
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:26
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			1966455	0.834	1.833	109

```
=====
Sample ID:   500mg/l                    Mode:      TOC
Method:      Boat Sampler                Filename:   03271027
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:29
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			3733961	1.011	2.007	119

```
=====
Sample ID:   1000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   03271031
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:35
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			7621959	1.125	2.123	162

```
=====
Sample ID:   2000mg/l                   Mode:      TOC
Method:      Boat Sampler                Filename:   03271036
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:41
Operator ID: AP AK                       Sample Type: TOC Standard
```

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1			14851247	1.187	2.185	222

```
=====
Sample ID:   ICV                        Mode:      TOC
Method:      Boat Sampler                Filename:   03271043
Cal. Curve:  TOC SOIL                   Timestamp: 2018/03/27 10:48
```

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1030.0790	41.2032	7629752	1.223	2.223	189

Sample ID: ICB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271050
Timestamp: 2018/03/27 10:53
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	10.9874	0.4395	81384	1.267	1.508	120

Last Message: Low Sample Detected

Sample ID: CCV
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271151
Timestamp: 2018/03/27 11:56
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1040.0215	41.6009	7703396	1.905	2.900	174

Sample ID: CCB
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271157
Timestamp: 2018/03/27 11:58
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	5.3748	0.2150	39811	2.050	3.040	63

Sample ID: LB94171BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271242
Timestamp: 2018/03/27 12:45
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.5345	0.3414	63214	1.576	1.787	120

Last Message: Low Sample Detected

Sample ID: LB94171BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271246
Timestamp: 2018/03/27 12:47
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.7230	0.2689	49797	1.599	2.592	65

Sample ID: LB94171BLS
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK
Mode: TOC
Filename: 03271248
Timestamp: 2018/03/27 12:50
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
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Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.8969	0.3559	65899	1.573	2.571	67

Sample ID: LB94171BLS Mode: TOC
 Method: Boat Sampler Filename: 03271251
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 12:53
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	8.4634	0.3385	62688	1.529	2.520	66

Sample ID: LB94171BSS Mode: TOC
 Method: Boat Sampler Filename: 03271254
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 12:57
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1004.5806	40.1832	7440887	1.551	2.549	157

Sample ID: LB94171BSS Mode: TOC
 Method: Boat Sampler Filename: 03271304
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 13:07
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1065.2159	42.6086	7890010	1.609	2.606	173

Sample ID: LB94171BSS Mode: TOC
 Method: Boat Sampler Filename: 03271308
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 13:11
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1067.5424	42.7017	7907242	1.826	2.825	156

Sample ID: LB94171BSS Mode: TOC
 Method: Boat Sampler Filename: 03271312
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 13:16
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1075.0415	43.0017	7962788	1.793	2.789	165

Sample ID: J1161-01 Mode: TOC
 Method: Boat Sampler Filename: 03271317
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 13:19
 Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59.0825	2.3633	437622	1.629	2.624	102

Sample ID: J1161-01 Mode: TOC
 Method: Boat Sampler Filename: 03271321
 Cal. Curve: TOC SOIL Timestamp: 2018/03/27 13:23

Operator ID: AP AK

Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	66.3615	2.6545	491537	1.482	2.478	95

Sample ID: J1161-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271324
Timestamp: 2018/03/27 13:26
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	59.4096	2.3764	440044	1.615	2.605	87

Sample ID: J1161-01
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271327
Timestamp: 2018/03/27 13:29
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	54.1023	2.1641	400734	1.591	2.583	85

Sample ID: J1161-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271330
Timestamp: 2018/03/27 13:33
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	56.6334	2.2653	419481	1.585	2.582	88

Sample ID: J1161-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271333
Timestamp: 2018/03/27 13:35
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	62.9876	2.5195	466546	1.636	2.634	86

Sample ID: J1161-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271336
Timestamp: 2018/03/27 13:38
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	58.4819	2.3393	433173	1.717	2.711	84

Sample ID: J1161-03
Method: Boat Sampler
Cal. Curve: TOC SOIL
Operator ID: AP AK

Mode: TOC
Filename: 03271339
Timestamp: 2018/03/27 13:41
Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	60.8510	2.4340	450721	1.658	2.649	83

Sample ID:	J1161-03	Mode:	TOC
Method:	Boat Sampler	Filename:	03271349
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 13:51
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	54.5848	2.1834	404308	1.655	2.649	78

Sample ID:	J1161-03	Mode:	TOC
Method:	Boat Sampler	Filename:	03271352
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 13:54
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57.8198	2.3128	428269	1.497	2.493	80

Sample ID:	J1161-03	Mode:	TOC
Method:	Boat Sampler	Filename:	03271355
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 13:57
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	53.6706	2.1468	397536	1.518	2.515	81

Sample ID:	J1161-03	Mode:	TOC
Method:	Boat Sampler	Filename:	03271358
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 14:00
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	57.7446	2.3098	427712	1.510	2.502	83

Sample ID:	J1161-02	Mode:	TOC
Method:	Boat Sampler	Filename:	03271402
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 14:05
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	523.0354	20.9214	3874102	1.433	2.432	130

Sample ID:	J1161-02	Mode:	TOC
Method:	Boat Sampler	Filename:	03271406
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 14:08
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	540.7898	21.6316	4005608	1.644	2.643	121

Sample ID:	J1161-02	Mode:	TOC
Method:	Boat Sampler	Filename:	03271409
Cal. Curve:	TOC SOIL	Timestamp:	2018/03/27 14:12
Operator ID:	AP AK	Sample Type:	Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	541.4807	21.				

6592 4010725 1.742 2.742 121
=====

Sample ID: J1161-02 Mode: TOC
Method: Boat Sampler Filename: 03271413
Cal. Curve: TOC SOIL Timestamp: 2018/03/27 14:15
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	524.2701	20.9708	3883247	1.801	2.799	125

=====

Sample ID: CCV Mode: TOC
Method: Boat Sampler Filename: 03271417
Cal. Curve: TOC SOIL Timestamp: 2018/03/27 14:20
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	1005.3516	40.2141	7446598	1.585	2.583	159

=====

Sample ID: CCB Mode: TOC
Method: Boat Sampler Filename: 03271421
Cal. Curve: TOC SOIL Timestamp: 2018/03/27 14:23
Operator ID: AP AK Sample Type: Sample

Rep #	ppm C	ug C	Raw Data	Beginning Baseline	Ending Baseline	Integration Time
1	6.6234	0.2649	49059	1.493	2.491	69

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Cal. Curve ID: TOC SOIL
Created: 2018/03/27 10:42
Calibration Factor (m): 1.852e+05
Y Intercept (b): 87579
r-squared: 0.99983

Standard ID	Y Raw Data	X Expected ug C	Measured ug C	Message	Date & Time
BLANK	60998	0.000	-0.144	Low Sample De	2018/03/27 10:14
250mg/l	1945828	10.000	10.035		2018/03/27 10:18
500mg/l	3733962	20.000	19.692		2018/03/27 10:29
1000mg/l	7621958	40.000	40.688		2018/03/27 10:35
2000mg/l	14851247	80.000	79.729		2018/03/27 10:41

CHEMTECH

Analyst

AK

SOP ID: M9060/A-TOC

QA Control Code: A2040083

Balance ID : WC SC-2

Sample ID	Weight (mg)	Result (PPM)	Average-Result (PPM)	RSD	Comment
LB94171BLS	40	8.5	8	11.71	
LB94171BLS	40	6.7			
LB94171BLS	40	8.8			
LB94171BLS	40	8.4			
LB94171BSS	40	1005	1053	3.10	
LB94171BSS	40	1065			
LB94171BSS	40	1068			
LB94171BSS	40	1075			
J1161-01	40	59	60	8.40	
J1161-01	40	66			
J1161-01	40	59			
J1161-01	40	54			
J1161-03	40	57	60	4.61	
J1161-03	40	63			
J1161-03	40	58			
J1161-03	40	61			
J1161-03	40	54.5	56	3.88	
J1161-03	40	58			
J1161-03	40	53.6			
J1161-03	40	58			
J1161-02	40	523	532	2.35	
J1161-02	40	540.7			

CHEMTECH

Analyst

AK

SOP ID: M9060/A-TOC