CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB94247

ANALYST: Indiana
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63161
Calibration Std. hexchrome 0.05 ppm	WP63160
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63163
Calibratation STD Hexa Chrome 0.5 PPM	WP63162
calibration std. hexchrome 0.01 ppm	WP63158
calibration std. hexchrome 0 ppm	WP63157
Hexavalent Chromium ICV Std.	WP63166
Hexavalent Chromium CCV Std	WP63164
hexavalent chromium color reagent	WP63165
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63159

Intercept: -0.0001 **Slope:** 0.7694 **Regression:** 0.999984

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540		Absorbance Difference	Anal Date	Anal Time
								Backgrnd	Color			
1	CAL1	0	1	100	100		2.41	0.000	0.000	0.000	03/29/2018	14:00
2	CAL2	0.01	1	100	100		1.56	0.000	0.006	0.006	03/29/2018	14:00
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	03/29/2018	14:01
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	03/29/2018	14:01
5	CAL5	0.1	1	100	100		2.30	0.000	0.079	0.079	03/29/2018	14:02
6	CAL6	0.5	1	100	100		1.89	0.000	0.387	0.387	03/29/2018	14:02
7	CAL7	1	1	100	100		1.69	0.000	0.768	0.768	03/29/2018	14:03

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Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb. at 540 Backgrnd	Absorb. at 540 Color	Absorbance Difference	Result	Anal Date	Anal Time
1	ICV	0.5	1	100	100		1.79	0.000	0.389	0.389	0.506	03/29/2018	14:03
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	03/29/2018	14:04
3	CCV1	0.5	1	100	100		2.13	0.000	0.389	0.389	0.506	03/29/2018	14:04
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	03/29/2018	14:05
5	PB107798BL		1	2.55	100	7.13	1.88	0.000	0.000	0.000	0.000	03/29/2018	14:05
6	PB107798BS	20	1	2.55	100	7.35	1.78	0.000	0.344	0.344	0.447	03/29/2018	14:06
7	J1749-07		1	2.55	100	7.56	2.30	0.003	0.008	0.005	0.007	03/29/2018	14:06
8	J1749-07DUP		1	2.51	100	7.55	2.13	0.004	0.009	0.005	0.007	03/29/2018	14:07
9	J1749-07MSPre	40	2	2.52	100	7.45	2.05	0.008	0.292	0.284	0.369	03/29/2018	14:07
10	J1749-07MS2Ins	1284	40	2.52	100	7.48	1.56	0.004	0.598	0.594	0.772	03/29/2018	14:08
11	J1749-07MS3Post	40	2	2.50	100	7.25	1.89	0.010	0.308	0.298	0.387	03/29/2018	14:08
12	J1755-05		1	2.53	100	7.31	1.97	0.002	0.002	0.000	0.000	03/29/2018	14:09
13	J1761-03		1	2.52	100	7.29	2.13	0.008	0.008	0.000	0.000	03/29/2018	14:09
14	J2103-01		1	2.55	100	7.18	2.31	0.003	0.003	0.000	0.000	03/29/2018	14:10
15	CCV2	0.5	1	100	100		1.65	0.000	0.390	0.390	0.507	03/29/2018	14:10
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	0.000	03/29/2018	14:11
17	J2103-05		1	2.50	100	7.28	1.74	0.016	0.016	0.000	0.000	03/29/2018	14:11
18	J2104-01		1	2.50	100	7.35	2.13	0.003	0.003	0.000	0.000	03/29/2018	14:12
19	J2104-02		1	2.55	100	7.14	2.15	0.028	0.028	0.000	0.000	03/29/2018	14:12
20	J2117-01		1	2.52	100	7.42	1.89	0.017	0.017	0.000	0.000	03/29/2018	14:13
21	J2117-03		1	2.53	100	7.10	2.19	0.009	0.009	0.000	0.000	03/29/2018	14:13
22	CCV3	0.5	1	100	100		1.98	0.000	0.389	0.389	0.506	03/29/2018	14:14
23	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	03/29/2018	14:14