CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB95021

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64131
Calibration Std. hexchrome 0.05 ppm	WP64130
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64133
Calibratation STD Hexa Chrome 0.5 PPM	WP64132
calibration std. hexchrome 0.01 ppm	WP64128
calibration std. hexchrome 0 ppm	WP64127
Hexavalent Chromium ICV Std.	WP64134
Hexavalent Chromium CCV Std	WP64135
hexavalent chromium color reagent	WP64076
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64129

Intercept: -0.0001 **Slope:** 0.7662 **Regression:** 0.999904

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		1.56	0.000	0.000	0.000	05/01/2018	13:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	05/01/2018	13:00
3	CAL3	0.025	1	100	100		2.21	0.000	0.016	0.016	05/01/2018	13:01
4	CAL4	0.05	1	100	100		1.67	0.000	0.037	0.037	05/01/2018	13:01
5	CAL5	0.1	1	100	100		2.13	0.000	0.078	0.078	05/01/2018	13:02
6	CAL6	0.5	1	100	100		2.02	0.000	0.391	0.391	05/01/2018	13:02
7	CAL7	1	1	100	100		1.97	0.000	0.762	0.762	05/01/2018	13:03

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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		2.33	0.000	0.386	0.386	0.504	05/01/2018	13:03
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	05/01/2018	13:04
3	CCV1	0.5	1	100	100		2.26	0.000	0.387	0.387	0.505	05/01/2018	13:04
4	CCB1		1	100	100		1.55	0.000	0.000	0.000	0.000	05/01/2018	13:05
5	PB108784BL		1	2.54	100	7.23	1.74	0.000	0.000	0.000	0.000	05/01/2018	13:05
6	PB108784BS	20	1	2.52	100	7.84	1.82	0.000	0.385	0.385	0.503	05/01/2018	13:06
7	J2157-13		1	2.53	100	7.13	2.10	0.008	0.008	0.000	0.000	05/01/2018	13:06
8	J2157-13DUP		1	2.51	100	7.69	2.27	0.007	0.007	0.000	0.000	05/01/2018	13:07
9	J2157-13MSPre	40	2	2.50	100	7.63	2.30	0.009	0.369	0.360	0.470	05/01/2018	13:07
10	J2157-13MS2Ins	1284	40	2.55	100	7.21	1.64	0.006	0.590	0.584	0.762	05/01/2018	13:08
11	J2157-13MS3Post	40	2	2.52	100	7.15	1.92	0.012	0.369	0.357	0.466	05/01/2018	13:08
12	J2157-15		1	2.57	100	7.38	2.10	0.013	0.013	0.000	0.000	05/01/2018	13:09
13	J2157-17		1	2.51	100	7.10	2.17	0.015	0.015	0.000	0.000	05/01/2018	13:09
14	J2157-19		1	2.53	100	7.04	1.91	0.138	0.138	0.000	0.000	05/01/2018	13:10
15	CCV2	0.5	1	100	100		1.63	0.000	0.387	0.387	0.505	05/01/2018	13:10
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	05/01/2018	13:11
17	J2157-21		1	2.52	100	7.69	2.40	0.124	0.124	0.000	0.000	05/01/2018	13:11
18	J2604-08		1	2.50	100	7.94	2.28	0.089	2.013	1.924	2.511	05/01/2018	13:12
19	J2642-01		1	2.55	100	7.77	1.66	0.009	0.009	0.000	0.000	05/01/2018	13:12
20	J2646-01		1	2.50	100	7.56	2.17	0.045	0.045	0.000	0.000	05/01/2018	13:13
21	J2647-01		1	2.50	100	7.33	2.20	0.006	0.006	0.000	0.000	05/01/2018	13:13
22	J2604-08		10	2.50	100	7.94	2.28	0.004	0.270	0.266	0.347	05/01/2018	13:14
23	CCV3	0.5	1	100	100		1.98	0.000	0.387	0.387	0.505	05/01/2018	13:14
24	CCB3		1	100	100		1.61	0.000	0.000	0.000	0.000	05/01/2018	13:15