CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB91051

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

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59019
Calibration Std. hexchrome 0.05 ppm	WP59018
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP59021
Calibratation STD Hexa Chrome 0.5 PPM	WP59020
calibration std. hexchrome 0.01 ppm	WP59016
calibration std. hexchrome 0 ppm	WP59015
Hexavalent Chromium ICV Std.	WP59022
Hexavalent Chromium CCV Std	WP59023
hexavalent chromium color reagent	WP58994
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP59017

Intercept: 0.0003 **Slope:** 0.7792 **Regression:** 0.999966

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		2.11	0.000	0.000	0.000	10/24/2017	13:50
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	10/24/2017	13:50
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	10/24/2017	13:51
4	CAL4	0.05	1	100	100		2.43	0.000	0.039	0.039	10/24/2017	13:51
5	CAL5	0.1	1	100	100		2.18	0.000	0.078	0.078	10/24/2017	13:52
6	CAL6	0.5	1	100	100		1.57	0.000	0.395	0.395	10/24/2017	13:52
7	CAL7	1	1	100	100		2.00	0.000	0.777	0.777	10/24/2017	13:53

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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		1.70	0.000	0.389	0.389	0.499	10/24/2017	13:53
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	10/24/2017	13:54
3	CCV1	0.5	1	100	100		2.23	0.000	0.391	0.391	0.501	10/24/2017	13:54
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	10/24/2017	13:55
5	PB103609BL		1	2.50	100	7.25	1.68	0.000	0.000	0.000	0.000	10/24/2017	13:55
6	PB103609BS	20	1	2.51	100	7.36	2.41	0.000	0.369	0.369	0.473	10/24/2017	13:56
7	I6085-01		1	2.54	100	7.30	2.27	0.021	0.021	0.000	0.000	10/24/2017	13:56
8	I6091-01		1	2.50	100	7.44	1.83	0.055	0.055	0.000	0.000	10/24/2017	13:57
9	I6091-01DUP		1	2.55	100	7.71	1.94	0.053	0.053	0.000	0.000	10/24/2017	13:57
10	I6091-01MSPre	40	2	2.53	100	7.10	2.05	0.056	0.215	0.159	0.204	10/24/2017	13:58
11	I6091-01MS2Ins	1284	40	2.54	100	7.90	2.10	0.053	0.633	0.580	0.744	10/24/2017	13:58
12	I6091-01MS3Post	40	2	2.55	100	7.82	1.63	0.060	0.320	0.260	0.333	10/24/2017	13:59
13	I6093-01		1	2.51	100	7.55	1.96	0.033	0.033	0.000	0.000	10/24/2017	13:59
14	I6093-04		1	2.50	100	7.69	2.41	0.010	0.010	0.000	0.000	10/24/2017	14:00
15	CCV2	0.5	1	100	100		2.25	0.000	0.391	0.391	0.501	10/24/2017	14:00
16	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	10/24/2017	14:01
17	I6093-07		1	2.53	100	7.48	2.09	0.016	0.016	0.000	0.000	10/24/2017	14:01
18	I6093-08		1	2.55	100	7.20	1.69	0.013	0.013	0.000	0.000	10/24/2017	14:02
19	CCV3	0.5	1	100	100		1.56	0.000	0.392	0.392	0.503	10/24/2017	14:02
20	CCB3		1	100	100		1.87	0.000	0.000	0.000	0.000	10/24/2017	14:03