

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93525

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62298
Calibration Std. hexchrome 0.05 ppm	WP62297
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62300
Calibratation STD Hexa Chrome 0.5 PPM	WP62299
calibration std. hexchrome 0.01 ppm	WP62295
calibration std. hexchrome 0 ppm	WP62294
Hexavalent Chromium ICV Std.	WP62301
Hexavalent Chromium CCV Std	WP62302
hexavalent chromium color reagent	WP62167
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62296

Intercept: -0.0002

Slope: 0.77

Regression: 0.999989

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		2.10	0.000	0.000	0.000	02/26/2018	12:00
2	CAL2	0.01	1	100	100		1.66	0.000	0.007	0.007	02/26/2018	12:00
3	CAL3	0.025	1	100	100		1.79	0.000	0.017	0.017	02/26/2018	12:01
4	CAL4	0.05	1	100	100		2.35	0.000	0.038	0.038	02/26/2018	12:01
5	CAL5	0.1	1	100	100		2.16	0.000	0.079	0.079	02/26/2018	12:02
6	CAL6	0.5	1	100	100		1.95	0.000	0.386	0.386	02/26/2018	12:02
7	CAL7	1	1	100	100		2.22	0.000	0.769	0.769	02/26/2018	12:03



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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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.57	0.000	0.388	0.388	0.504	02/26/2018	12:03
2	ICB		1	100	100		2.16	0.000	0.000	0.000	0.000	02/26/2018	12:04
3	CCV1	0.5	1	100	100		2.21	0.000	0.389	0.389	0.505	02/26/2018	13:30
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.000	02/26/2018	13:30
5	PB106856BL		1	2.53	100	7.11	1.64	0.000	0.000	0.000	0.000	02/26/2018	13:31
6	PB106856BS	20	1	2.55	100	7.79	1.78	0.000	0.380	0.380	0.494	02/26/2018	13:31
7	J1691-01		1	2.52	100	7.43	2.03	0.032	0.032	0.000	0.000	02/26/2018	13:32
8	J1691-05		1	2.54	100	7.11	1.92	0.050	0.050	0.000	0.000	02/26/2018	13:32
9	J1691-09		1	2.55	100	7.36	2.32	0.069	0.069	0.000	0.000	02/26/2018	13:33
10	J1691-13		1	2.51	100	7.57	2.45	0.021	0.021	0.000	0.000	02/26/2018	13:33
11	J1691-17		1	2.55	100	7.33	1.78	0.025	0.025	0.000	0.000	02/26/2018	13:34
12	J1691-21		1	2.51	100	7.20	1.67	0.018	0.018	0.000	0.000	02/26/2018	13:34
13	J1691-25		1	2.54	100	7.14	2.07	0.030	0.030	0.000	0.000	02/26/2018	13:35
14	J1691-29		1	2.50	100	7.88	2.23	0.019	0.019	0.000	0.000	02/26/2018	13:35
15	CCV2	0.5	1	100	100		1.98	0.000	0.389	0.389	0.505	02/26/2018	13:36
16	CCB2		1	100	100		1.81	0.000	0.000	0.000	0.000	02/26/2018	13:36
17	J1691-33		1	2.51	100	7.20	1.64	0.006	0.008	0.002	0.003	02/26/2018	13:37
18	J1691-37		1	2.52	100	7.66	2.35	0.058	0.058	0.000	0.000	02/26/2018	13:37
19	J1691-41		1	2.55	100	7.08	2.46	0.034	0.034	0.000	0.000	02/26/2018	13:38
20	J1691-45		1	2.53	100	7.23	2.44	0.041	0.041	0.000	0.000	02/26/2018	13:38
21	J1691-49		1	2.52	100	7.90	1.80	0.091	0.091	0.000	0.000	02/26/2018	13:39
22	J1691-53		1	2.50	100	7.67	2.39	0.016	0.016	0.000	0.000	02/26/2018	13:39
23	J1691-57		1	2.51	100	7.40	2.20	0.012	0.012	0.000	0.000	02/26/2018	13:40
24	J1691-61		1	2.53	100	7.31	1.78	0.007	0.007	0.000	0.000	02/26/2018	13:40
25	J1691-61DUP		1	2.50	100	7.16	1.90	0.006	0.006	0.000	0.000	02/26/2018	13:41
26	J1691-61MSPre	40	2	2.54	100	7.33	1.58	0.009	0.348	0.339	0.441	02/26/2018	13:41
27	CCV3	0.5	1	100	100		1.63	0.000	0.389	0.389	0.505	02/26/2018	13:42
28	CCB3		1	100	100		2.20	0.000	0.000	0.000	0.000	02/26/2018	13:42
29	J1691-61MS2Ins	1284	40	2.51	100	7.54	2.04	0.008	0.602	0.594	0.772	02/26/2018	13:43
30	J1691-61MS3Post	40	2	2.53	100	7.10	2.90	0.011	0.355	0.344	0.447	02/26/2018	13:43
31	CCV4	0.5	1	100	100		1.60	0.000	0.390	0.390	0.507	02/26/2018	13:44
32	CCB4		1	100	100		1.73	0.000	0.000	0.000	0.000	02/26/2018	13:44