

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93938

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62763
Calibration Std. hexchrome 0.05 ppm	WP62762
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62765
Calibratation STD Hexa Chrome 0.5 PPM	WP62764
calibration std. hexchrome 0.01 ppm	WP62760
calibration std. hexchrome 0 ppm	WP62759
Hexavalent Chromium ICV Std.	WP62766
Hexavalent Chromium CCV Std	WP62767
hexavalent chromium color reagent	WP62770
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62761

Intercept: 0.0001

Slope: 0.7699

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		2.20	0.000	0.000	0.000	03/15/2018	15:00
2	CAL2	0.01	1	100	100		1.85	0.000	0.008	0.008	03/15/2018	15:00
3	CAL3	0.025	1	100	100		1.61	0.000	0.017	0.017	03/15/2018	15:01
4	CAL4	0.05	1	100	100		2.40	0.000	0.039	0.039	03/15/2018	15:01
5	CAL5	0.1	1	100	100		2.37	0.000	0.078	0.078	03/15/2018	15:02
6	CAL6	0.5	1	100	100		2.13	0.000	0.387	0.387	03/15/2018	15:02
7	CAL7	1	1	100	100		1.91	0.000	0.769	0.769	03/15/2018	15:03



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93938

pH Meter ID: WC pH Meter-1

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		1.82	0.000	0.389	0.389	0.505	03/15/2018	15:03
2	ICB		1	100	100		2.17	0.000	0.000	0.000	0.000	03/15/2018	15:04
3	CCV1	0.5	1	100	100		2.35	0.000	0.389	0.389	0.505	03/15/2018	15:04
4	CCB1		1	100	100		1.57	0.000	0.000	0.000	0.000	03/15/2018	15:05
5	PB107397BL		1	2.55	100	7.23	1.83	0.000	0.000	0.000	0.000	03/15/2018	15:05
6	PB107397BS	20	1	2.50	100	7.04	2.04	0.000	0.370	0.370	0.480	03/15/2018	15:06
7	J1752-01		1	2.52	100	7.55	2.23	0.025	0.025	0.000	0.000	03/15/2018	15:06
8	J1757-01		1	2.54	100	7.41	1.71	0.016	0.016	0.000	0.000	03/15/2018	15:07
9	J1757-03		1	2.53	100	7.39	1.97	0.013	0.013	0.000	0.000	03/15/2018	15:07
10	J1757-05		1	2.51	100	7.66	2.15	0.018	0.018	0.000	0.000	03/15/2018	15:08
11	J1927-01		1	2.55	100	7.88	2.30	0.008	0.008	0.000	0.000	03/15/2018	15:08
12	J1928-01		1	2.53	100	7.32	2.10	0.006	0.006	0.000	0.000	03/15/2018	15:09
13	J1928-01DUP		1	2.51	100	7.21	1.63	0.007	0.007	0.000	0.000	03/15/2018	15:09
14	J1928-01MSPre	40	2	2.50	100	7.56	1.59	0.009	0.360	0.351	0.456	03/15/2018	15:10
15	CCV2	0.5	1	100	100		2.08	0.000	0.390	0.390	0.506	03/15/2018	15:10
16	CCB2		1	100	100		1.64	0.000	0.000	0.000	0.000	03/15/2018	15:11
17	J1928-01MS2Ins	1284	40	2.50	100	7.05	2.17	0.005	0.612	0.607	0.788	03/15/2018	15:11
18	J1928-01MS3Post	40	2	2.55	100	7.41	1.78	0.010	0.364	0.354	0.460	03/15/2018	15:12
19	J1929-01		1	2.54	100	7.89	2.09	0.009	0.010	0.001	0.001	03/15/2018	15:12
20	J1929-05		1	2.51	100	7.30	1.77	0.007	0.007	0.000	0.000	03/15/2018	15:13
21	J1929-09		1	2.54	100	7.28	2.25	0.012	0.012	0.000	0.000	03/15/2018	15:13
22	PB107394BL		1	2.50	100	7.25	2.46	0.000	0.000	0.000	0.000	03/15/2018	15:14
23	PB107394BS	20	1	2.52	100	7.92	1.93	0.000	0.376	0.376	0.488	03/15/2018	15:14
24	J1749-03		1	2.55	100	7.78	1.77	0.005	0.005	0.000	0.000	03/15/2018	15:15
25	J1749-03DUP		1	2.54	100	7.53	2.45	0.004	0.004	0.000	0.000	03/15/2018	15:15
26	J1749-03MSPre	40	2	2.51	100	7.41	2.21	0.006	0.350	0.344	0.447	03/15/2018	15:16
27	CCV3	0.5	1	100	100		1.78	0.000	0.390	0.390	0.506	03/15/2018	15:16
28	CCB3		1	100	100		1.93	0.000	0.000	0.000	0.000	03/15/2018	15:17
29	J1749-03MS2Ins	1284	40	2.53	100	7.33	1.55	0.004	0.597	0.593	0.770	03/15/2018	15:17
30	J1749-03MS3Post	40	2	2.51	100	7.22	2.02	0.008	0.355	0.347	0.451	03/15/2018	15:18
31	J1754-01		1	2.53	100	7.31	2.34	0.010	0.010	0.000	0.000	03/15/2018	15:18
32	J1754-03		1	2.55	100	7.24	2.38	0.007	0.007	0.000	0.000	03/15/2018	15:19
33	J1754-05		1	2.51	100	7.78	1.89	0.012	0.012	0.000	0.000	03/15/2018	15:19
34	J1754-07		1	2.55	100	7.86	1.77	0.009	0.009	0.000	0.000	03/15/2018	15:20
35	J1754-09		1	2.54	100	7.54	2.09	0.008	0.008	0.000	0.000	03/15/2018	15:20
36	J1908-01		1	2.53	100	7.30	1.63	0.019	0.019	0.000	0.000	03/15/2018	15:21
37	J1908-05		1	2.54	100	7.60	2.41	0.010	0.010	0.000	0.000	03/15/2018	15:21
38	J1909-01		1	2.51	100	7.66	2.41	0.019	0.019	0.000	0.000	03/15/2018	15:22
39	CCV4	0.5	1	100	100		1.67	0.000	0.390	0.390	0.506	03/15/2018	15:22
40	CCB4		1	100	100		2.40	0.000	0.000	0.000	0.000	03/15/2018	15:23
41	J1911-02		1	2.50	100	7.79	1.58	0.003	0.003	0.000	0.000	03/15/2018	15:23
42	J1911-05		1	2.53	100	7.21	2.33	0.010	0.010	0.000	0.000	03/15/2018	15:24

43	J1911-09		1	2.55	100	7.15	2.03	0.012	0.012	0.000	0.000	03/15/2018	15:24
44	CCV5	0.5	1	100	100		1.96	0.000	0.391	0.391	0.508	03/15/2018	15:25
45	CCB5		1	100	100		1.89	0.000	0.000	0.000	0.000	03/15/2018	15:25