

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93708

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP62490
Calibration Std. hexchrome 0.05 ppm	WP62489
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP62492
Calibratation STD Hexa Chrome 0.5 PPM	WP62491
calibration std. hexchrome 0.01 ppm	WP62487
calibration std. hexchrome 0 ppm	WP62486
Hexavalent Chromium ICV Std.	WP62493
Hexavalent Chromium CCV Std	WP62494
hexavalent chromium color reagent	WP62357
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP62488

Intercept: 0.0002

Slope: 0.7693

Regression: 0.999981

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	03/05/2018	14:00
2	CAL2	0.01	1	100	100		2.44	0.000	0.008	0.008	03/05/2018	14:00
3	CAL3	0.025	1	100	100		1.78	0.000	0.017	0.017	03/05/2018	14:01
4	CAL4	0.05	1	100	100		2.16	0.000	0.039	0.039	03/05/2018	14:01
5	CAL5	0.1	1	100	100		1.90	0.000	0.078	0.078	03/05/2018	14:02
6	CAL6	0.5	1	100	100		1.56	0.000	0.388	0.388	03/05/2018	14:02
7	CAL7	1	1	100	100		1.82	0.000	0.768	0.768	03/05/2018	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		Absorbance Difference	Result	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.13	0.000	0.390	0.390	0.507	03/05/2018	14:03
2	ICB		1	100	100		1.64	0.000	0.000	0.000	0.000	03/05/2018	14:04
3	CCV1	0.5	1	100	100		1.58	0.000	0.390	0.390	0.507	03/05/2018	14:04
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	03/05/2018	14:05
5	PB107095BL		1	2.50	100	7.30	2.20	0.000	0.000	0.000	0.000	03/05/2018	14:05
6	PB107095BS	20	1	2.53	100	7.26	1.63	0.000	0.370	0.370	0.481	03/05/2018	14:06
7	J1722-01		1	2.55	100	7.10	2.47	0.013	0.013	0.000	0.000	03/05/2018	14:06
8	J1722-03		1	2.50	100	7.69	1.85	0.009	0.009	0.000	0.000	03/05/2018	14:07
9	J1722-05		1	2.55	100	7.78	1.67	0.013	0.013	0.000	0.000	03/05/2018	14:07
10	J1722-07		1	2.53	100	7.90	2.30	0.008	0.008	0.000	0.000	03/05/2018	14:08
11	J1722-09		1	2.54	100	7.22	2.22	0.005	0.005	0.000	0.000	03/05/2018	14:08
12	J1722-11		1	2.51	100	7.15	1.76	0.006	0.006	0.000	0.000	03/05/2018	14:09
13	J1722-13		1	2.53	100	7.13	1.98	0.011	0.011	0.000	0.000	03/05/2018	14:09
14	J1722-15		1	2.50	100	7.08	2.05	0.002	0.002	0.000	0.000	03/05/2018	14:10
15	CCV2	0.5	1	100	100		2.46	0.000	0.390	0.390	0.507	03/05/2018	14:10
16	CCB2		1	100	100		2.24	0.000	0.000	0.000	0.000	03/05/2018	14:11
17	J1722-17		1	2.51	100	7.29	1.89	0.004	0.004	0.000	0.000	03/05/2018	14:11
18	J1722-17DUP		1	2.54	100	7.44	1.57	0.005	0.005	0.000	0.000	03/05/2018	14:12
19	J1722-17MSPre	40	2	2.55	100	7.10	1.73	0.006	0.350	0.344	0.447	03/05/2018	14:12
20	J1722-17MS2Ins	1284	40	2.52	100	7.64	2.36	0.003	0.605	0.602	0.782	03/05/2018	14:13
21	J1722-17MS3Post	40	2	2.51	100	7.10	2.18	0.006	0.353	0.347	0.451	03/05/2018	14:13
22	J1722-19		1	2.54	100	7.66	1.96	0.016	0.016	0.000	0.000	03/05/2018	14:14
23	J1761-01		1	2.51	100	7.31	1.74	0.007	0.007	0.000	0.000	03/05/2018	14:14
24	J1798-01		1	2.52	100	7.90	1.52	0.009	0.009	0.000	0.000	03/05/2018	14:15
25	PB107094BL		1	2.51	100	7.16	2.39	0.000	0.000	0.000	0.000	03/05/2018	14:15
26	PB107094BS	20	1	2.54	100	7.28	2.10	0.000	0.377	0.377	0.490	03/05/2018	14:16
27	CCV3	0.5	1	100	100		1.75	0.000	0.391	0.391	0.508	03/05/2018	14:16
28	CCB3		1	100	100		1.64	0.000	0.000	0.000	0.000	03/05/2018	14:17
29	J1721-01		1	2.52	100	7.01	2.09	0.005	0.007	0.002	0.002	03/05/2018	14:17
30	J1721-03		1	2.51	100	7.36	2.21	0.010	0.010	0.000	0.000	03/05/2018	14:18
31	J1721-05		1	2.53	100	7.44	2.40	0.009	0.009	0.000	0.000	03/05/2018	14:18
32	J1721-07		1	2.52	100	7.80	1.69	0.005	0.006	0.001	0.001	03/05/2018	14:19
33	J1721-09		1	2.54	100	7.36	1.74	0.006	0.009	0.003	0.004	03/05/2018	14:19
34	J1721-11		1	2.50	100	7.45	1.82	0.003	0.004	0.001	0.001	03/05/2018	14:20
35	J1721-13		1	2.51	100	7.21	2.06	0.012	0.012	0.000	0.000	03/05/2018	14:20
36	J1721-15		1	2.55	100	7.13	1.93	0.009	0.010	0.001	0.001	03/05/2018	14:21
37	J1721-17		1	2.52	100	7.98	2.54	0.006	0.009	0.003	0.004	03/05/2018	14:21
38	J1721-19		1	2.50	100	7.40	1.66	0.008	0.008	0.000	0.000	03/05/2018	14:22
39	CCV4	0.5	1	100	100		1.98	0.000	0.391	0.391	0.508	03/05/2018	14:22
40	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	03/05/2018	14:23
41	J1792-01		1	2.52	100	7.44	1.77	0.026	0.026	0.000	0.000	03/05/2018	14:23
42	J1792-03		1	2.53	100	7.10	2.01	0.043	0.043	0.000	0.000	03/05/2018	14:24

43	J1792-05		1	2.51	100	7.18	2.45	0.035	0.035	0.000	0.000	03/05/2018	14:24
44	J1792-07		1	2.51	100	7.25	1.78	0.007	0.007	0.000	0.000	03/05/2018	14:25
45	J1792-07DUP		1	2.55	100	7.46	1.92	0.008	0.008	0.000	0.000	03/05/2018	14:25
46	J1792-07MSPre	40	2	2.53	100	7.44	2.04	0.009	0.368	0.359	0.466	03/05/2018	14:26
47	J1792-07MS2Ins	1284	40	2.51	100	7.22	2.26	0.008	0.625	0.617	0.802	03/05/2018	14:26
48	J1792-07MS3Post	40	2	2.53	100	7.15	1.68	0.011	0.374	0.363	0.472	03/05/2018	14:27
49	J1792-09		1	2.50	100	7.36	1.79	0.010	0.010	0.000	0.000	03/05/2018	14:27
50	CCV5	0.5	1	100	100		2.20	0.000	0.391	0.391	0.508	03/05/2018	14:28
51	CCB5		1	100	100		2.19	0.000	0.000	0.000	0.000	03/05/2018	14:28